Protein Expression by Mammalian Cells

Transfection to Mammalian cells, and preparation and purification of the targeted protein.

Amino acid substitution, defective mutant, etc are acceptable to establish the expression system. Please ask.

Product Lineup

	Price	Delivery
Construction of the vector *1	¥80,000~/Sample	> 2 weeks
Expression Analysis *2	¥150,000/ Sample	> 1 month
Small-Amounted Culture (100mL) Purification Review *3	¥200,000/ Sample	> 1 month
Large-Amounted Culture (1L) Purification *4	¥400,000/ Sample	> 2 month

- *1 The vector to add His-Tag or GST-Tag is used. Any other tag is acceptable. Please ask.

 The price and delivery date to construct the Expressing vector depends on the operation. Please refer to "subcloning" and/or "cDNA cloning."
- *2 SDS-PAGE and Western Blotting is used to check the expression after small scaled transfection.
- *3 The review may cause no acceptability for the large-amounted culture and purification afterwards.
- *4 Affinity purification is used. Dialysis and/or gel filtration are acceptable (resulting in additional fees). The condition for the expression should be provided in advance in the case of the order only of large-amounted culture and purification.

Delivery Product

- Purified Protein
- •Data of Expression Analysis
- Operation Reports

Information

- •The yield depends on the expressed protein.
- •If necessary, NDA is agreeable. The operation is conducted under the NDA
- •The actual fee is payable in the unavoidable termination after the discussion with the customers.
- The delivery date depends on the operation.
- •The freight of the sample to BEX is payable.

Flow of Operation

1,Establish the Vector

Preparation of the targeted gene from your vector and/or PCR production. Check of insertion sequence.

2,Expression Analysis

The vecotr is transfected to the targeted cell SDS-PAGE and Western Blotting is used to check the expression.

3,Small-Amounted Culture Purification Review

Yield and purity check after expression and purification (100mL)

4,Large-Amounted Culture Purification

Large-amounted culture under the condition decided above. Purification by Tag-specific affinity columns

Flow to Order

I. Please send your requests to us.	Please email or send the order form downloaded from BEX web page E-mail: info@bexnet.co.jp FAX: +81-3-5375-5636
II. Please send the sample and order form to us.	•Vector 2 μ g(> 100ng/ μ I) / cDNA(> 1 μ g) / Cell (5 × 10 6 cells) / Tissue (about 10mg) / Total RNA(> 10 μ g) / etc. Frozen •Order Form
II. Flease send the sample and order form to us.	Address: 〒173-0004 4F 61-15 2-Chome Itabashi-ku Itabashi, Tokyo BEX CO., LTD. TEL: +81-3-5375-1071

BEX CO.,LTD. http://www.bexnet.co.jp

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phone +81-3-5375-1071

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Stable Transfectant Establishment

Mammalian cells (CHO, COS, HEK293), or any other cell lines are transfected, and the stable transfectant is established.

Product Lineup

Stable Transfectant Establishment

	Price	Dei;ivery
Stable Transfectant Establishment	¥1,000,000/ Sample	> 3 months

- * Expression analysis is conducted by Real-Time PCR or Westernblotting. Please choose one.
- * The price and delivery date to constuct the Expressing vector depends on the operation. Please refer to "subcloning" and/or "cDNA cloning."
- * Special expression can be acceptable. Please ask.

Option

	Price	Deivery
Additional Expression Analysis (Real-Time PCR or Western Blotting)	¥100,000/sample	> 2 weeks
Western Blotting by Membrane fraction	¥200,000/ sample	> 2 weeks

Delivery Product

- DMSO Stock Cell Line (~1 × 10⁶cells)
- •Data of Expression Analysis
- Operation Report

Information

- •There is no guarantee for the number of the clone since some clones drop out the targeted gene.
- •If necessary, NDA is agreeable. The operation is conducted under the NDA
- •The actual fee is payable in the unavoidable termination after the discussion with the customers.
- •The delivery date depends on the operation.
- •The freight of the sample to BEX is payable.

Flow of Operation

1,Transfection

Transfection by Lipofection. The transfection condition is set in the case of the cell lines with no performance of transfection.

2,Drug Screening

Selection of the cells transfected with the vector by drug screening Check of the drug sensitivity for the cell with no performance.

3,Cloning

Cloning to establish max 10 clones by limiting dilution method

4,Expression Analysis

Expression Analysis by Real-Time PCR or Western Blotting The customer checks the result and pick up the clone.

Flow to Order

I. Please send your requests to us.	Please email or send the order form downloaded from BEX web page E-mail : info@bexnet.co.jp FAX : +81-3-5375-5636	
	•Cell Line (> 1 Frozen Vial(s)) Frozen & Dry iced •Vector $2 \mu g$ (> 100ng/ μ l) Frozen & Dry iced •Order form	
II. Please send the sample and order form to us.	Address: 〒173-0004 4F 61-15 2-Chome Itabashi-ku Itabashi, Tokyo BEX CO., LTD. TEL: +81-3-5375-1071	