

## Recombinant Human IPO9 Protein, His&GST-tagged

**Cat. No.** IPO9-1690H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IPO9 Protein (Val39-Glu213) with N-His&GST tag was expressed in E. coli.                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Val39-Glu213                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Enables nuclear import signal receptor activity. Involved in protein import into nucleus. Located in cytoplasm.                                                                                                                                                                                                                              |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 49.8 kDa<br>Accurate Molecular Mass: 50 kDa                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                   |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b> | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                      |
| <b>Reconstitution</b> | Reconstitute in PBS or others.                                                                                               |

## GENE INFORMATION

|                        |                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IPO9 importin 9 [ Homo sapiens (human) ]                                                    |
| <b>Official Symbol</b> | IPO9                                                                                        |
| <b>Synonyms</b>        | IPO9; importin 9; importin-9; FLJ10402; Imp9; ranBP9; ran-binding protein 9; DKFZp761M1547; |
| <b>Gene ID</b>         | 55705                                                                                       |
| <b>mRNA Refseq</b>     | NM_018085                                                                                   |
| <b>Protein Refseq</b>  | NP_060555                                                                                   |
| <b>UniProt ID</b>      | Q96P70                                                                                      |

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