

Recombinant Mouse Ipo4 Protein, His-tagged

Cat. No. Ipo4-1689M **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Mouse Ipo4 Protein (Met1-Arg189) with N-His tag was expressed in E. coli. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | Met1-Arg189 |
| Description | Predicted to enable nuclear import signal receptor activity and nuclear localization sequence binding activity. Predicted to be involved in DNA replication-dependent chromatin assembly; DNA replication-independent chromatin assembly; and protein import into nucleus. Predicted to act upstream of or within ribosome biogenesis. Predicted to be located in chromatin. Predicted to be part of protein-containing complex. Predicted to be active in cytoplasm and nucleus. Is expressed in retina outer nuclear layer. Orthologous to human IPO4 (importin 4). |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 25 kDa Accurate Molecular Mass: 25 kDa |
| Purity | > 90% |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

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

GENE INFORMATION

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| Gene Name | lpo4 importin 4 [Mus musculus (house mouse)] |
| Official Symbol | lpo4 |
| Synonyms | IPO4; importin 4; importin-4; imp4; importin 4a; importin-4a; ran-binding protein 4; Imp4a; RanBP4; AA409693; 8430408O15Rik; MGC113723; |
| Gene ID | 75751 |
| mRNA Refseq | NM_024267 |
| Protein Refseq | NP_077229 |
| UniProt ID | Q8VI75 |

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