

Recombinant Mouse Ipo4 Protein, His-tagged

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

SPECIFICATION

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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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