Recombinant Human IPO11 Protein, His-tagged

Cat. No. IPO11-2333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IPO11 Protein (Met1-Gly237) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gly237
Description	Importins, including IPO11, are a members of the karyopherin/importin-beta family of transport receptors (see KPNB1; 602738) that mediate nucleocytoplasmic transport of protein and RNA cargoes (Plafker and Macara, 2000 [PubMed 11032817]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.7 kDa Accurate Molecular Mass: 31 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	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	IPO11 importin 11 [Homo sapiens (human)]
Official Symbol	IPO11
Synonyms	IPO11; importin 11; importin-11; RanBP11; imp11; Ran binding protein 11; ran-binding protein 11;
Gene ID	51194
mRNA Refseq	NM_001134779
Protein Refseq	NP_001128251
MIM	610889
UniProt ID	Q9UI26

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