

Recombinant Human IPO13 Protein, His-tagged

Cat. No. IPO13-2334H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IPO13 Protein (Gly14-Phe202) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly14-Phe202
Description	This gene encodes a member of the importin-beta family of nuclear transport proteins. The encoded protein mediates the import of specific cargo proteins from the cytoplasm to the nucleus and is dependent on the Ras-related nuclear protein-GTPase system. The encoded protein is also involved in nuclear export of the eukaryotic translation initiation factor 1A.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.9 kDa Accurate Molecular Mass: 25 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
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	
Gene Name	IPO13 importin 13 [Homo sapiens (human)]
Official Symbol	IPO13
Synonyms	LGL2; IMP13; KAP13; RANBP13
Gene ID	9670
mRNA Refseq	NM_014652
Protein Refseq	NP_055467
MIM	610411
UniProt ID	O94829

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