

Recombinant Human IPO13 Protein, GST-tagged

Cat. No. IPO13-5077H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IPO13 full-length ORF (NP_055467.2, 1 a.a. - 963 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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
Molecular Mass	134.6 kDa
AA Sequence	MERREEQPGAAGAGAAPALDFTVENVEKALHQLYYDPNIENKNLAQKWLMQAQVS PQAWHFSWQLLPDKVPEIQYFGASALHIKISRYWSDIPTDQYESLKAQLFTQITRFA SGSKIVLTRLCLVALASLALSMMPDAWPCAVADMVRLFQAEDSPVDGQGRCLALLEL LTVLP EEFQTSRLPQYRKGLVRTSLAVECGAVFPLLEQLLQQPSSPSCVRQKVLKCF SSWVQLEVPLQDCEALIQAAFAALQDSELFSSVEAIVNAISQPDAQRYVNTLLKLIPL VLGLQEQLRQAVQNGDMETSHGICRIAAVALGENHSRALLDQVEHWQSFLALVNMIM FCTGIPGHYPVNETTSSLTLTFWYTLQDDILSFEAEKQAVYQQVYRPVYFQLVDVLL HKAQFPSDEEYGFWSSDEKEQFRIYRVDISDTLMYVYEMLGAELLSNLYDKLGRLLT SSEEPYSWQHTEALLYGFQSI AETIDVNYSDVVPGLIGLIPRISISNVQLADTVMFTIGA

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LSEWLADHPVMINSVLPLVLHALGNPELSVSSVSTLKKICRECKYDLPPYAANIVAVS
 QDVLMKQIHKTSQCMWLMQALGFLLSALQVEEILKNLHSLISPYIQQLEKLAAEIPNP
 SNKLAIVHILGLLSNLFTTLDISHHEDDHEGPELRKLPVPQGPNPVVVLQQVFQLIQK
 VLSKWLNDAAQVVEAVCAIFEKSVKTLDDFAPMVPQLCEMLGRMYSTIPQASALDLT
 RQLVHIFAHEPAHFPPIEALFLLVTSVTLTLFQQGPRDHPDIVDSFMQLLAQALKRKP
 DLFLCERLDVKSQVFCVAVLALKFPEAPTVMKASCGFFTELLPRCGEVESVGKVVQEDG
 RMLLIIVLEAIGGQASRSLMDCFADILFALNKHCFSLLSMWIKEALQPPGFPSARLSP
 EQKDTFSQQILRERVNKRVRKEMVKEFTLLCRGLHGTDYTADY

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[IPO13 importin 13 \[Homo sapiens \]](#)

Official Symbol

[IPO13](#)

Synonyms

LGL2; IMP13; KAP13; RANBP13; IPO13; importin 13

Gene ID

[9670](#)

mRNA Refseq

[NM_014652](#)

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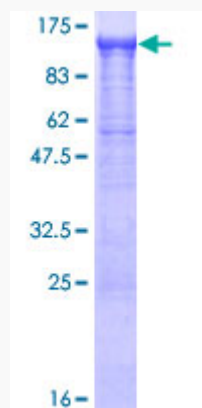
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Protein Refseq NP_055467

MIM 610411

UniProt ID O94829

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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