

Recombinant Human IPO5 protein, His-tagged

Cat. No. IPO5-4563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IPO5 protein(22-150 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	22-150 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	DNVVRKQAEETYENIPGQSKITFLLQAIRNTTAAEEARQMAAVLLRRLSSAFDEVYP ALPSDVQTAIKSELLMIQMETQSSMRKKVCDIAAELARNLIDEDGNNQWPEGLKFLF DSVSSQNVGLREA
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal

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volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [IPO5 importin 5 \[Homo sapiens \]](#)

Official Symbol [IPO5](#)

Synonyms

IPO5; importin 5; karyopherin (importin) beta 3 , KPNB3, RAN binding protein 5 , RANBP5; importin-5; IMB3; MGC2068; Pse1; karyopherin beta-3; RAN binding protein 5; ran-binding protein 5; importin beta-3 subunit; importin subunit beta-3; Ran_GTP binding protein 5; karyopherin (importin) beta 3; imp5; KPNB3; RANBP5; FLJ43041; DKFZp686O1576;

Gene ID [3843](#)

mRNA Refseq [NM_002271](#)

Protein Refseq [NP_002262](#)

MIM [602008](#)

UniProt ID [O00410](#)

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