

Recombinant Human XPO5 protein, His & T7-tagged

Cat. No. XPO5-1404H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XPO5 aa. (Ala2~Gln180 (Accession # Q9HAV4) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala2~Gln180
Description	This gene encodes a member of the karyopherin family that is required for the transport of small RNAs and double-stranded RNA-binding proteins from the nucleus to the cytoplasm. The encoded protein translocates cargo through the nuclear pore complex in a RanGTP-dependent process.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.6kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

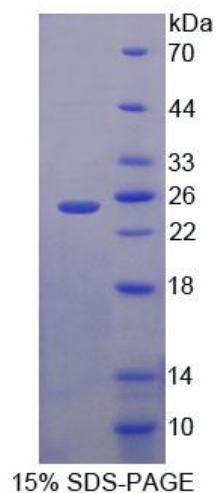
Gene Name	XPO5 exportin 5 [Homo sapiens (human)]
Official Symbol	XPO5
Synonyms	XPO5; exportin 5; exp5; exportin-5; ran-binding protein 21
Gene ID	57510
mRNA Refseq	NM_020750.2
Protein Refseq	NP_065801.1
UniProt ID	Q9HAV4

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SDS-PAGE



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