

Recombinant Human XPO6 protein, His & T7-tagged

Cat. No. XPO6-1711H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XPO6 aa. (Ala2~Leu271 (Accession # Q96QU8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala2~Leu271
Description	The protein encoded by this gene is a member of the importin-beta family. Members of this family are regulated by the GTPase Ran to mediate transport of cargo across the nuclear envelope. This protein has been shown to mediate nuclear export of profilin-actin complexes. A pseudogene of this gene is located on the long arm of chromosome 14. Alternative splicing results in multiple transcript variants that encode different protein isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.

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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°C 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°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.
Isoelectric Point	5.3

GENE INFORMATION

Gene Name	XPO6 exportin 6 [Homo sapiens (human)]
Official Symbol	XPO6
Synonyms	XPO6; exportin 6; EXP6; RANBP20; exportin-6; ran-binding protein 20
Gene ID	23214
mRNA Refseq	NM_001270940.1
Protein Refseq	NP_001257869.1
UniProt ID	Q96QU8

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