

Recombinant Human XPO1 Protein, His-tagged

Cat. No. XPO1-460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XPO1(Thr917~Asp1071) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr917~Asp1071
Description	This cell-cycle-regulated gene encodes a protein that mediates leucine-rich nuclear export signal (NES)-dependent protein transport. The protein specifically inhibits the nuclear export of Rev and U snRNAs. It is involved in the control of several cellular processes by controlling the localization of cyclin B, MPAK, and MAPKAP kinase 2. This protein also regulates NFAT and AP-1.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	21.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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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.
Reconstitution	Reconstitute in PBS or others

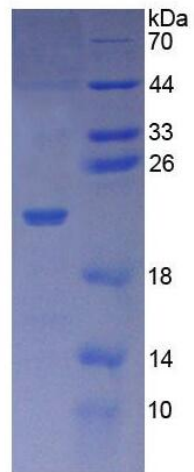
GENE INFORMATION

Gene Name	XPO1 exportin 1 (CRM1 homolog, yeast) [Homo sapiens]
Official Symbol	XPO1
Synonyms	XPO1; exportin 1 (CRM1 homolog, yeast); exportin 1 (CRM1, yeast, homolog); exportin-1; CRM1; emb; CRM1, yeast, homolog; chromosome region maintenance 1 protein homolog; exportin-1 (required for chromosome region maintenance); exp1; DKFZp686B1823;
Gene ID	7514
mRNA Refseq	NM_003400
Protein Refseq	NP_003391
MIM	602559
UniProt ID	O14980

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15% SDS-PAGE

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