

# Recombinant Full Length Human XPO1 Protein, GST-tagged

Cat. No. XPO1-551HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human XPO1(1 a.a. - 1071 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	1071 amino acids
<b>Description</b>	The protein encoded by this gene mediates leucine-rich nuclear export signal (NES)-dependent protein transport. Exportin 1 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.
<b>Molecular Mass</b>	143.55 kDa
<b>AA Sequence</b>	MPAIMTMLAD HAARQLLDFS QKLDINLLDN VVNCLYHGEG AQRMAQEVL THLKEHPDAW TRVDTILEFS QNMNTKYYGL QILENVIKTR WKILPRNQCE GIKKYVVGLI IKTSSDPTCV EKEKVYIGKL NMVLVQILKQ EWPKHWPTFI SDIVGASRTS ESPCQNNMVI LKLLSEEVFD FSSGQITQVK SKHLKDSMCN EFSQIFQLCQ FVMENSQNAP LVHATLETLL RFLNWIPLGY IFETKLISTL IYKFLNVPMF RNVSLKCLTE IAGVSVSQYE EQFVTLFTLT MMQLKQMLPL NTNIRLAYSN GKDDEQNFQI NLSLFLCTFL KEHDQLIEKR LNLRETLMEA LHYMLLVSEV EETEIFKICL EYWNHLAAEL YRESPFSTSA SPLLSGSQHF

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DVPPRRQLYL PMLFKVRLLM VSRMAKPEEV LVVENDQGEV VREFMKDSDS  
 INLYKNMRET LVYLTHLDYV DTERIMTEKL HNQVNGTEWS WKNLNTLCWA  
 IGSISGAMHE EDEKRFLVTV IKDLLGLCEQ KRGKDNKAII ASNIMYIVGQ  
 YPRFLRAHWK FLKTVVNLKF EFMHETHDGV QDMACDTFIK IAQKCRHFV  
 QVQVGEVMPF IDEILNNINT IICDLQPQQV HTFYEAVGYM IGAQTDQTVQ  
 EHLIEKYMLL PNQVWDSIIQ QATKNVDILK DPETVKQLGS ILKTNVRACK  
 AVGHPFVIQL GRIYLDMLNV YKCLSENISA AIQANGEMVT KQPLIRSMRT  
 VKRETLKLIS GWVSRSDNPQ MVAENFVPL LDAVLIDYQR NVPAAREPEV  
 LSTMAIIVNK LGGHITAEIP QIFDAVFECT LNMINKDFEE YPEHRTNFFL  
 LLQAVNSHCF PAFLAIPPTQ FKLVLDSIIW AFKHTMRNVA DTGLQILFTL  
 LQNVAQEEAA AQSFYQTYFC DILQHIFSVV TDTSHAGLT MHASILAYMF  
 NLVEEGKIST SLNPGNPVNN QIFLQEYVAN LLKSAFPHLQ DAQVKLFVTG  
 LFSLNQDIPA FKEHLRDFLV QIKEFAGEDT SDFLEEREI ALRQADEEKH  
 KRQMSVPGIF NPHEIPEEMC D

**Applications** ELISA; WB-Re; AP; Array

**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** XPO1 exportin 1 [ Homo sapiens (human) ]

**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;

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	DKFZp686B1823
Gene ID	7514
mRNA Refseq	NM_003400
Protein Refseq	NP_003391
MIM	602559
UniProt ID	O14980

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