

Recombinant Full Length Human XPO5 Protein, C-Flag-tagged

Cat. No. XPO5-1794HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human XPO5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	136.1 kDa
AA Sequence	MAMDQVNALCEQLVKAVTVMMDPNSTQRYRLEALKFCEEFKKCPICVPCGLRLAE KTQVAIVRHFGQLQI LEHVVKFRWNGMSRLEKVYLKNSVMELIANGTLNILEEENHIKD ALSRIVVEMIKREWPQHWPDMLIELD TLSKQGETQTELVMFILLRLAEDVVTFTLPP QRRRDIQQTLTQNMERIFSLLNTLQENVNKYQQVKTD TSQESKAQANCRVGVAAL NLAGYIDWVSMHITAENCKLLEILCLLLNEQELQLGAAECLLIASVRKGK LEDRKP LMVLFGDVAMHYILSAAQTADGGGLVEKHVFLKRLCQVLCALGNQLCALLGADSD VETPSNFG KYLESFLAFTTHPSQFLRSSTQMTWGALFRHEILSRDPLLLAIIPKYLRA SMTNLVKMGFPSKTDSPSCE YSRFDFDSDDEFNAFFNSSRAQQGEVMRLACRLDP KTSFQMAGEWLKYQLSTFLDAGSVNSCSAVGTGEG SLCSVFSPSFVQWEAMTLFL

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ESVITQMFRTLNRREEIPVNDGIELLQMVLFNFDTKDPLILSCVLTNVSALF PFVTYRPEF
 LPQVFSKLFSSVTFETVEESKAPRTRAVRNVRRHACSSIIKMCRDYPQLVLPNFDML
 YNHV KQLLSNELLLTQMEKCALMEALVLISNQFKNYERQKVFLEELMAPVASIWLSQ
 DMHRVLSDVDAFIAYVG TDQKSCDPGLEDPCGLNRARMSFCVYSILGVVKRTCWP
 TDLEEAKAGGFVVGYTSSGNPIFRNPCTEQIL KLLDNLLALIRTHNTLYAPEMLAKMA
 EPFTKALDMLDAEKSAILGLPQPLLELNDSPVFKTVLERMQRFF STLYENCFHILGKA
 GPSMQQDFYTVEDLATQLLSSAFVNLNNIPDYRLRPMRLRVFVKPLVLFPCPEHYEA L
 VSPILGPLFTYLHMRLSQKWQVINQRSLLCGEDEAADENPESQEMLEEQLVRMLTR
 EVMDLITVCCVSK KGADHSSAPPADGDDEEMMATEVTPSAMAELTDLGKCLMKHE
 DVCTALLITAFNSLAWKDTLSCQRTTSQ LCWPLLKQVLSGTLLADAVTWLFTSVLKG
 LQMHGQHDGCMASLVHLAFQIYEALRPRYLEIRAVMEQIPE IQKDSLQDFCKLLNP
 SLQKVADKRRKDQFKRLIAGCIGKPLGEQFRKEVHIKNLPSLFKKTCPMLETEV LDN
 DGGGLATIFEP TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name XPO5 exportin 5 [Homo sapiens (human)]

Official Symbol XPO5

Synonyms exp5

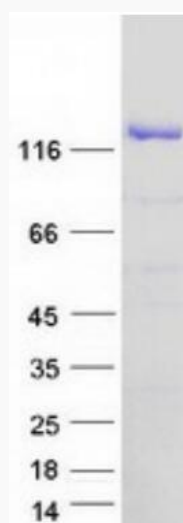
Gene ID 57510

mRNA Refseq NM_020750.3

Protein Refseq NP_065801.1

MIM 607845

UniProt ID Q9HAV4



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Coomassie blue staining of purified XPO5 protein.

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