

Product datasheet for TP309420L

Exportin 5 (XPO5) (NM_020750) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens exportin 5 (XPO5), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209420 representing NM_020750 Red=Cloning site Green=Tags(s)

MAMDQVNALCEQLVKAVTMMDPNSTQRYRLEALKFCEEKFKPCVPCGLRLAECTQVAIVRHFGLQI
LEHVVKFRWNGMSRLEKVYLKNSVMELIANGTLNILEEENHIKDALSRIIVEMIKREWPHWPDMLIELD
TLKQGETQTELVFILLRLAEDVVFQTLPPQRRRDIQQTLTQNMERIFSLLNLTQENVNKYQQVKT
TSQESKAQANCRVGVAAALNTLAGYIDWVSMHITAENCKLLEILCLLLNEQELQLGAAECLLIASRKGK
LEDRKPLMVLFGDVAMHYILSAAQTADGGGLVEKHVFLKRLCQVLCALGNQLCALLGADSDVETPSNFG
KYLESFLAFTTHPSQFLRSSTQMTWGALFRHEILSRDPLLLAIIPKYLASMTNLVKMGFSPKTDSPSCE
YSRFDSDSDDFNAFFNSSRAQQGEVMRLACRLDPKTSFQMAGEWLKYQLSTFLDAGSVNSCSAVGTGEG
SLCSVFSFVQWEAMTLFLESVITQMFRTLNRREEIPVNDGIELLQMVNFDTKDPLILSCVLTNVSALF
PFVYRPEFLPQVFSKLFSSVTFETVEESKAPRTRAVRNRHACSSIIKMCRDYPQLVLPNFDMLYNHV
KQLLSNELLTQMEKCALMEALVLISNQFKNYERQKVFLEELMAPVASIWSQDMHRVLSVDVAFIAYVG
TDQKSCDPGLEPCGLNRARMSFCVYSILGVVKRTCWPTDLEEAKAGGFVGYTSSGNPIFRNPCTEQIL
KLLDNLLALIRTHNTLYAPEMLAKMAEPFTKALDMLDAEKSAIILGLPQPLELNDSPVFKTVLERMQRFF
STLYENCFHILGKAGPSMQQDFYTVEDLATQLLSSAFVNLNIPDYRLRPMRLRVFVKPLVLFPCPEHYEA
LVSPILGPLFTYLHMRLSQKWQVINQRSLLCGEADAADENPESQEMLEEQLVRMLTREVMDLITVCCVSK
KGADHSSAPPADGDDEEMMATEVTPSAMAELTDLGKCLMKHEDVCTALLITAFNSLAWKDTLSCQRTTSQ
LCWPLLKQVLSGTLADAVTWLFTSVLKGLQMHGQHDGCMASLVHLAFQIYEALRPRYLEIRAVMEIQIPE
IQKDSLQDFDCKLLNPSLQKVADKRRKQDFKRLIAGCIGKPLGEQFRKEVHIKNLPSLFKTKPMLETEV
LDNDGGGLATIFEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

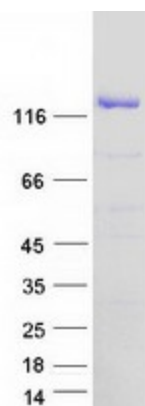
Tag:	C-Myc/DDK
Predicted MW:	136.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065801
Locus ID:	57510
UniProt ID:	Q9HAV4
RefSeq Size:	5378
Cytogenetics:	6p21.1
RefSeq ORF:	3612
Synonyms:	exp5
Summary:	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. [provided by RefSeq, Aug 2011]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified XPO5 protein (Cat# [TP309420]). The protein was produced from HEK293T cells transfected with XPO5 cDNA clone (Cat# [RC209420]) using MegaTran 2.0 (Cat# [TT210002]).