

Recombinant Human XPO5 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. XPO5-397H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	XPO5 MS Standard C13 and N15-labeled recombinant protein (NP_065801) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Aug 2011]
Molecular Mass	136.3 kDa
AA Sequence	MAMDQVNALCEQLVKAVTVMMDPNSTQRYRLEALKFCEEFKCKPICVPCGLRLAE KTQVAIVRHFGQLQILEHVVKFRWNGMSRLEKVYLKNSVMELIANGTLNILEEENHIKD ALSRIVVEMIKREWPQHWPDMLELDTLSKQGETQTELVMFILLRLAEDVVTFTLPP QRRRDIQQTLTQNMERIFSLLNTLQENVNKYQQVKTDTTSQESKAQANCRVGAAL NTLAGYIDWVSMHITAENCKLLEILCLLLNEQELQLGAAECLLIASRKGKLEDRKPL MVLFGDVAMHYILSAAQTADGGGLVEKHVFLKRLCQVLCALGNQLCALLGADSDV ETPSNFGKYLESFLLFTTHPSQFLRSSTQMTWGALFRHEILSRDPLLLAIIPKYLRAS MTNLVKMGFPSKTDSPSCEYSRFDSDSDEDFNAFFNSSRAQQGEVMRLACRLDPK TSFQMAGEWLKYQLSTFLDAGSVNNSCSAVGTGEGSLCSVFSPSFVQWEAMTLFLE

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SVITQMFRTLNRREEIPVNDGIELLQMVLFNFDTKDPLILSCVLTNVSALFPFVTYRPEFL
PQVFSKLFSSVTFTETVEESKAPRTRAVRNVRRHACSSIIKMCRDYPQLVLPNFDMLY
NHVKQLLSNELLTQMEKCALMEALVLISNQFKNYERQKVFEELMAPVASIWLSQD
MHRVLSVDVDAFIAYVGTQKSCDPGLEDPCGLNRARMSFCVYSILGVVKRTCWPTD
LEEAKAGGFVVGYTSSGNPIFRNPCTEQILKLLDNLLALIRTHNTLYAPEMLAKMAEP
FTKALDMLDAEKSAILGLPQPLLELNDSPVFKTVLERMQRFFSTLYENCFHILGKAGP
SMQQDFYTVEDLATQLLSSAFVNLNNIPDYRLRPMRLRVFVKPLVLFPCPEHYEALVS
PILGPLFTYLHMRLSQKWQVINQRSLLCGEDEAADENPESQEMLEEQLVRMLTREV
MDLITVCCVSKKGADHSSAPPADGDDEEMMATEVTPSAMAELTDLGKCLMKHEDV
CTALLITAFNSLAWKDTLSCQRTTSQLCWPLLKQVLSGTLLADAVTWLFTSVLKGLQ
MHGQHDGCMASLVHLAFQIYEALRPRYLEIRAVMEQIPEIQKDSLQDFDCKLLNPSL
QKVADKRRKDQFKRLIAGCIGKPLGEQFRKEVHIKNLPSLFKKTTPMLETEVLDNDG
GGLATIFEPTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol XPO5

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Synonyms	XPO5; exportin 5; exportin-5; KIAA1291; ran-binding protein 21; exp5; FLJ14239; FLJ32057; FLJ45606;
Gene ID	57510
mRNA Refseq	NM_020750
Protein Refseq	NP_065801
MIM	607845
UniProt ID	Q9HAV4
SDS-PAGE	