

## Product datasheet for PH309420

### Exportin 5 (XPO5) (NM\_020750) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	XPO5 MS Standard C13 and N15-labeled recombinant protein (NP_065801)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209420
Predicted MW:	136.3 kDa
Protein Sequence:	>RC209420 representing NM_020750 Red=Cloning site Green=Tags(s)

MAMDQVNALCEQLVKAVTVMMDPNSTQRYRLEALKFCEEFKKCPICVPCGLRLAEKTQVAIVRHFGLQI  
LEHVVKFRWNGMSRLEKVVYLNKNSVMELIANGTLNILEEENHIKDALSRIVVEMIKREWPQHWPDMLELD  
TLSKQGETQTELVFILLRLAEDVVTFTLPPQRRRDIQQTLTQNMERIFSFLNLTQENVNKYQQVKTD  
TSQESKAQANCRVGAALNTLAGYIDWVSMHITAENCKLLEILCLLLNEQELQLGAAECLLIASVRKGGK  
LEDKPLMVLFGDVAMHYILSAAQTADGGGLVEKHVYVFLKRLCQVLCALGNQLCALLGADSDVETPSNFG  
KYLESFLAFTTHPSQFLRSSTQMTWGLFRHEILSRDPLLLAIIPKYLRASMTNLVKMGFSPKTDSPSCE  
YSRFDSDDEDFNAFFNSRAQQGEVMRLACRLDPKTSFQWAGWLVKYLSTFLDAGSVNSCSAVGTGEG  
SLCSVFSFVQWEAMTLFLESVITQMFRTLNRREEIPVNDGIELLQMVLFNFDTKDPLILSCVLTNVSALF  
PFVYRPEFLPQVFSKLFSSVTFTVEESKAPRTRAVRNVRRHACSSIIKMRDYPQLVLPNFDMLYNHV  
KQLLSNELLLTQMEKCALMEALVLIISNFKNYERQKVFLEELMAPVASIWLSDQMHVRLSDVDAFIAYVG  
TDQKSCDPGLEDPCLNRARMSFCVYSILGVVKRTCWPTDLEEAKAGGFVVGYSNGNIFRNPCTEQIL  
KLLDNLLALIRTHNTLYAPEMLAKMAEPFTKALDMLDAEKSAIILGLPQPLELNDSPVFKTVLERMQRFF  
STLYENCFHILGKAGPSMQQDFYTVEDLATQLLSSAFVNLNNIPDYRLRPLRVFVKPLVLCPEHYEA  
LVSPILGPLFTYLHMLRSQKWQVINQRSLLCGEDEAADENPESQEMLEEQLVRMLTREVMDLITVCCVSK  
KGADHSSAPPADGDDEEMMATEVTPSAMAELTDLGKCLMKHEDVCTALLITAFNSLAWKDTLSCQRTTSQ  
LCWPLLKQVLSGTLADAVTWLFTSVLKGLQMHGQHDGCMASLVHLAFQIYEALRPRYLEIRAVMEQIPE  
IQKDSLQDFCKLLNPSLQKVADKRRKQDFKRLIAGCIGKPLGEQFRKEVHIKNLPSLFKTKPMLETEV  
LDNDGGGLATIFEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

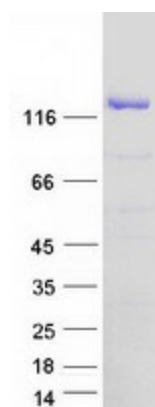
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_065801</a>
RefSeq Size:	5378
RefSeq ORF:	3612
Synonyms:	exp5
Locus ID:	57510
UniProt ID:	<a href="#">Q9HAV4</a>
Cytogenetics:	6p21.1
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]).