

Product datasheet for TP312569M

Exportin 4 (XPO4) (NM_022459) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of human exportin 4 (XPO4), 100 µg
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	>RC212569 representing NM_022459 Red=Cloning site Green=Tags(s)

MMAAALGPPEVIAQLENAAKVLMAPPSMVNNEQRQHAEHIFLSFRKSKSPFAVCKHILETSKVDYVLFQA
ATAIMEAVVREWILLEKGSIESLRTFLLTYVLQRPNLQKYVREQILLAVAVIVKRGSLDKSIDCKSIFHE
VSQLISSGNPTVQTLACSILTALLSEFSSSSKTSNIGLSMEFHGNCKRVFQEEDLRQIFMLTVEVLQEF
RRENLNAQMSSVFQRYLALANQVLSWNFLPPNLGRHYIAMFESSQNVLLKPTESWRETLTLDSDRMELFFT
VHRKIRESDMAQDSLQCLAQLASLHGPIFPDEGSQVDYLAHFIEGLLNTINGIEIEDSEAVGISSISN
LITVFPNVLTAIPSELFSSFNCLTHLTCSFGRSAALEEVLDKDDMVYMEAYDKLLESWLTQVQDDKHF
HKGFFTQHAVQVFNSYIQCHLAAPDGRNLTANGVASREEEIESELQEDDRDQFSDQLASVGMGRGIAAE
HCIPLLTSLLEERVTRLHGQLQRHQQLASPGSSTVDNKMDDLYEDIHWLILVTGYLLADDTQGETPL
IPPEIMEYSIKHSSEVDINTTLQILGSPGEKASSIPGYNRTDSVIRLLSAILRVSEVESRAIRADLTHLL
SPQMGKDIVWFLKRWAKTYLLVDEKLYDQISLPFSTAFGADTEGSQWIIGYLLQKVISNLSVWSSEQDLA
NDTVQLLVTLVERRERANLVIQCENWWNLAKQFASRSPPLNLFSSPVQRTLMKALVGGFAHMDTETKQK
YWTEVLQPLQQRFLRVINQENFQMCQQEVEKQEITATLEALCGIAEATQIDNVAILFNFLMDFLTNCIG
LMEVYKNTPETVNLIIIEVFVEVAHKQICYLGESKAMNLYEACLTLQVYSKNNLGRQRIDVTAEEEQYQD
LLLIMELLTNLLSKEFIDFSDTDEVFRGHEPGQAANRSVSAADVLYGVNLILPLMSQDLLKFPTLCNQY
YKLITFICEIFPEKIPQLPEDLFKSLMYSLELGMTSMSSEVCQLCLEALPLAEQCAKAQETDSPLFLAT
RHFLKLVFDMLVLQKHNTMTAAGEAFYTLVCLHQAESYSELVETLLSSQQDPVIYQRLADAFNKLTA
TPPTLDRKQKMAFLKSLEEFMANVGGLLCVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

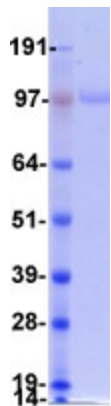
Tag:	C-Myc/DDK
Predicted MW:	130 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_071904
Locus ID:	64328
UniProt ID:	Q9C0E2
RefSeq Size:	9902
Cytogenetics:	13q12.11
RefSeq ORF:	3453
Synonyms:	exp4
Summary:	XPO4 belongs to a large family of karyopherins (see MIM 602738) that mediate the transport of proteins and other cargo between the nuclear and cytoplasmic compartments (Lipowsky et al., 2000 [PubMed 10944119]).[supplied by OMIM, Mar 2009]

Product images:



Coomassie blue staining of purified XPO4 protein (Cat# [TP312569]). The protein was produced from HEK293T cells transfected with XPO4 cDNA clone (Cat# [RC212569]) using MegaTran 2.0 (Cat# [TT210002]).