

## Product datasheet for TP307519M

### IPO11 (NM\_016338) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human importin 11 (IPO11), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207519 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDLNSASTVWLQVLTQATSQDTAVLKPAEEQLKQWETQPGFYSVLLNIFTNHTLDINVRWLAVLYFKHGI  
 DRYWRRVAPHALSEEEKTTLRAGLITNFNEPINQIATQIAVLIKVARLDCPRQWPELIPTLIESVKVQD  
 DLRQHRALLTFYHVTKTLASKRLAADRKLFYDLASGIYNFACSLWNHHTDTFLQEVSNGNEAAILSSLER  
 TLLSLKVLRLKLVNGFVEPHKNMEVMGFLHGIFERLQKQFLECSRSIGTDNVCRDRLEKTIILFTKVLDF  
 LDQHPFSFTPLIQRSLFVSYSYVFTEVGEVTFERFIVQCMNLKIMIVKNYAYKPSKNFEDSSPETLEAH  
 KIKMAFFTYPTLTEICRRLVSHYFLLTEEELTMWEEDPEGFTVEETGGDSWKYSLRPCTEVLFDIFHEY  
 NQTLTPVLEMMQTLQGPTNVEDMNALLIKDAVYNAVGLAAYELFDSVDFDQWFKNQLLPELQVIHNRK  
 PLRRRVIWLIQWISVKFKSDLRPMLEYAICNLLQDQDLVRIETATTKLTVDDFEFRTDQFLPYLETM  
 FTLLFQLLQQVTECDTKMHVHLVLSVIERVMQIRPYVGVCLVQYLPLLWKQSEEHNMLRCAITLTIHL  
 VQGLGADSKNLYPFLLPVIQLSTDVSPPHVYLLEDGLELWLVLENLSPCITPELLRIFQNMSPLLELSS  
 ENLRTCFKIINGYIFLSSTEFQTYAVGLCQSFCELLKEITTEGQVQVLKVENALKVNPILGPQMFPQPI  
 LPYVFKGIIEGERYPVMSTYLGVMGRVLLQNTSFFSLLNEMAHKFNQEMDQLLGNMIEMWVDRMDNIT  
 QPERRKLSALALLSLLPSDNSVIQDKFCGIINISVEGLHDVMTEDPETGTYKDCMLMSHLEPKVTEDEE  
 PPTEQDKRKKMLALKDPVHTVSLQQFIYEKLEKKAQQEMLGEQGFQSLMETVDTEIVTQLQEFLQGF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

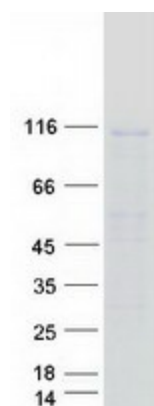
Tag:	C-Myc/DDK
Predicted MW:	112.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_057422</a>
<b>Locus ID:</b>	51194
<b>UniProt ID:</b>	<a href="#">Q9UI26</a>
<b>RefSeq Size:</b>	4420
<b>Cytogenetics:</b>	5q12.1
<b>RefSeq ORF:</b>	2925
<b>Synonyms:</b>	RanBP11
<b>Summary:</b>	Importins, including IPO11, are a members of the karyopherin/importin-beta family of transport receptors (see KPNB1; 602738) that mediate nucleocytoplasmic transport of protein and RNA cargoes (Plafker and Macara, 2000 [PubMed 11032817]).[supplied by OMIM, Sep 2008]

### Product images:



Coomassie blue staining of purified IPO11 protein (Cat# [TP307519]). The protein was produced from HEK293T cells transfected with IPO11 cDNA clone (Cat# [RC207519]) using MegaTran 2.0 (Cat# [TT210002]).