

Product datasheet for PH307519

IPO11 (NM_016338) Human Mass Spec Standard

Product data:

| | |
|---------------------------------------|-----------------------------------------------------------------------|
| Product Type: | Mass Spec Standards |
| Description: | IPO11 MS Standard C13 and N15-labeled recombinant protein (NP_057422) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC207519 |
| Predicted MW: | 112.5 kDa |
| Protein Sequence: | >RC207519 protein sequence Red=Cloning site Green=Tags(s) |

MDLNSASTVVLQVLTQATSQDTAVLKPAEEQLKQWETQPGFYSVLLNIFTNHTLDINVRWLAFLYFKHGI
DRYWRRVAPHALSEEEKTTLRAGLITNFNEPINQIATQIAVLIKVARLDCPRQWPPELPTLIESVKVQD
DLRQHRALLTFYHVTKTLASKRLAADRKLFDYDLASGIYNFACSLWNHHTDTFLQEYSSGNEAAILSSLER
TLLSLKVLRLKLVNGFVEPHKNMEVMGFLHGIFERLQKQFLECSRSIGTDNVCRDRLEKTIILFTKVLDF
LDQHPFSFTPLIQRSLFVSYSYVFTEVGEVTFERFIVQCMNLKMIKVIKYNAYKPSKNFEDSSPETLEAH
KIKMAFFTYPTLTEICRRLVSHYFLLTEEELTMWEEDPEGFTVEETGGDSWKYSLRPCTEVLFDIFHEY
NQTLTPVLLLEMMQTLQGPTNVEDMNALLIKDAVYNAVGLAAYELFDSVDFDQWFKNQLLPELQVIHNRYS
PLRRRVIWLIGQWISVKFKSDLRPMLEYAICNLLQDQDLVRIETATTLKLTVDDEFRTDQFLPYLETM
FTLLFQLLQQVTECDTKMHVLHVLSCVIERVNMQIRPYVGCLVQYLP LLWKQSEEHNMLRCAILTTLIHL
VQGLGADSKNLYPFLLPVIQLSTDVSYQPPHYLLEDGLELWLVLENSPCITPELLRIFQNMSPLELSS
ENLRTECFKIINGYIFLSSTEFLLQTYAVGLCQSFCELLKEITTEGQVQVLKVVENALKVNPILGPQMFQPI
LPYVFKGIIIEGERYPVMSTYLGMGRVLLQNTSFFSLLNEMAHKFNQEMDQLLGNMIEMWVDRMDNIT
QPERRKLSALALLSLLPSDNSVIQDKFCGIINISVEGLHDVMTEDPETGTYSKDCMLMSHLEEPKVTEDDEE
PPTEQDKRKKMLALKDPVHTVSLQQFIYEKLLKAAQEQMLGEQGFQSLMETVDTEIVTQLQEFLQGF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

| | |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| 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. |



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RefSeq: [NP_057422](#)

RefSeq Size: 4420

RefSeq ORF: 2925

Synonyms: RanBP11

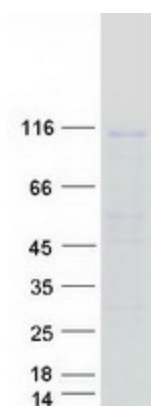
Locus ID: 51194

UniProt ID: [Q9UI26](#)

Cytogenetics: 5q12.1

Summary: 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]).