

Product datasheet for TP311845M

NUP155 (NM_153485) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human nucleoporin 155kDa (NUP155), transcript variant 1, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC211845 representing NM_153485
Red=Cloning site Green=Tags(s)

MPSSLLGAAMPASTSAAALQEALNAGRLIDRQLQEDRMYPDLSELLMVSAPNNPTVSGMSDMDYPLQGP
 GLLSVPNLPEISSIRRVPLPPELVEQFGHMQCNCMMGVFPPISRAWLTIDSDIFMWNVEDGGDLAYFDGL
 SETILAVGLVKPKAGIFQPHVRHLLVLATPVDIVILGLSYANLQTGSGVLNDSLGGMQLLPDPLYSPT
 DNTYLLTITSTDNGRIFLAGKDGCLYEAVYQAEAGWFSQRCRKINHSSLSFLVPSLLQFTFSEDDPIL
 QIAIDNSRNILYTRSEKGVIVYDLGQDGQGMSRVASVSQNAIVSAAGNIARTIDRSVFKPIVQIAVIEN
 SESLDCQLLAVTHAGVRLYFSTCPFRQPLARPNTLTLVHVRLPPGFSASSTVEKPSKVHRALYSKGILLM
 AASENEDNDILWCVNHDTPPFQKPMMETQMTAGVDGHSWALS AIDELKVDKIITPLNKDHIPTDSPVVV
 QQHMLPPKFKVLLSAQGSMLMFHKLRPVDQLRHLLVSNVGGDGEEIERFFKLHQEDQACATCLILACSTAA
 CDREVS AWATRAFFRYGGEAQMRFPTLLPPPSNVGPILGSPVYSSSPVPSGSPYPNPSFLGTPSHGIQPP
 AMSTPVCALGNPATQATNMSCVTGPEIVYSGKHNGICIFYSRIMGNIWDASLVERIFKSGNREITAIES
 SVPCQLLESVLQELKGLQEFDRNSQFAGGPLGNPNTTAKVQQLIGFMRPENGPNPQQMQQELQRKFHEA
 QLSEKISLQAIQQQLVRKSYQALALWKLCEHQFTIIVAE LQKELQEQLKITTFKDLVIRDKELTGALIAS
 LINCYIRDNAAVDGISLHLQDICPLLYSTDDAICSKANELLRQRVQVQNKTEKERMLRESLKEYQKISNQ
 VDLSNVCAQYRQVRFYEGVVELSLTAAEKDPQGLGLHFYKHGEPEEDIVGLQAFQERLNSYKCITDTLQ
 ELVNQSKAAPQSPSPKPGPPVLSSDPNMLSNEEAGHHFEQMLKLSQRSKDELFSIALYNWLIQVDLAD
 KLLQVASPFLEPHLVRMAKVDQNRVRYMDLLWRYYEKNRSFSNAARVLSRLADMHSTEISLQQRLEYIAR
 AILSAKSSTAISIAADGEFLHELEEKMEVARIQLQIQETLQRQYSHHSSVQDAVSQDLSELM DITKLYG
 EFADPFKLAECKLAIHCAGYSDPILVQTLWQDIIEKELSDSVTLSSSDRMHALSKIVLLGKIYAGTPR
 FFPLDFIVQFLEQQVCTLNWDVGVFIQTMNEIGVPLPRLLEVDQLFKSRDPFWNRMKPLHLLDCIHVL
 LIRYVENPSQVLNCCERRRFTNLCLDAVCGYLVELQSMSSSVAVQAITGNFKSLQAKLERLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

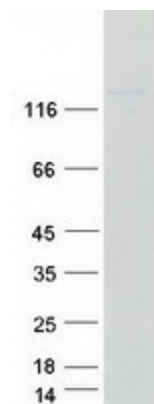
Tag: C-Myc/DDK
Predicted MW: 155 kDa



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|-----------------------|--|
| 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. |
| 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_705618 |
| Locus ID: | 9631 |
| UniProt ID: | O75694 , A0A024R071 |
| RefSeq Size: | 4355 |
| Cytogenetics: | 5p13.2 |
| RefSeq ORF: | 4173 |
| Synonyms: | ATFB15; N155 |
| Summary: | Nucleoporins are proteins that play an important role in the assembly and functioning of the nuclear pore complex (NPC) which regulates the movement of macromolecules across the nuclear envelope (NE). The protein encoded by this gene plays a role in the fusion of NE vesicles and formation of the double membrane NE. The protein may also be involved in cardiac physiology and may be associated with the pathogenesis of atrial fibrillation. Alternative splicing results in multiple transcript variants of this gene. A pseudogene associated with this gene is located on chromosome 6. [provided by RefSeq, May 2013] |

Product images:



Coomassie blue staining of purified NUP155 protein (Cat# [TP311845]). The protein was produced from HEK293T cells transfected with NUP155 cDNA clone (Cat# [RC211845]) using MegaTran 2.0 (Cat# [TT210002]).