

## Product datasheet for **TP310523L**

### MAN2B2 (NM\_015274) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mannosidase, alpha, class 2B, member 2 (MAN2B2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC210523 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGQLCWLPLLAPLLLLRPPGVQSAGPIRAFVPHSHMDVGVVYTVQESMRAYAANVYTSVVEELARGQQR  
RFIAVEQEFFRLWWDGVASDQQKYQVRQLLEEGRLEFVIGGQVMHDEAVTHLDDQILQLTEGHGFLYETF  
GIRPQFSWHVDPFGASATPTLALAGFNAHLGSRIDYDLKAAMQEARGLQFVWRGSPSLSERQEIFTHI  
MDQYSYCTPSHIPFSNRSGFYWNGVAVFPKPPPDGVYPMSEPVTPANINLYAEALVANVKQRAAWFRTF  
HVLWPWGC DKQFFNASVQFANMDPLLDHINSHAAELGVSVQYATLGDYFRALHALNVTWRVRDHHDFLPY  
STEPFQAWTGFYTSRSSLKGLARRASALLYAGESMFTRYLWPAPRGHLDPTWALQQLQLRWAVSEVQHH  
DAITGTESPKVRD MYATHLASGMLGVRKLMASIVLDELQPQAPMAASSDAGPAGHFASVYNPLAWTVTTI  
VTLTVGFPGVVRTDEAGHPVPSQIQNSTETPSAYDLLILTTIPGLSYRHYSIRPTAGAEQTQEPAAATVA  
STLQFGRRLRRRTSHAGRYLVPVANDCYIVLLDQDTNLMHSIWERSNRTVRVTQEFLEYHVNRDVKQGP  
ISDNYLFTPGKAAVPAWEAVEVEIVAGQLVTEIRQYFYRNMATAQNYTYAIRSRLTHVPQGHGELLCHRI  
EQEYQAGPLELNREAVLRTSTNLNSQQVIYSDNNGYQMQRPPYVSYVNNSIARNYPMVQSAFMEDGKSR  
LVLLSERAHGISSQNGQVEVMLHRRLWNNFDWDLGYNLTLNDTSVHVPVLWLLGWSLTTALRQRSAL  
ALQHRPVVLFGLAGTAPKLPGPQQQEAVTLPPNLHLQILSIPGWRYSSNHTESQNLKRGHRGEAQADL  
RRVLLRLYHLYEVGEDPVLSQPVTVNLEAVLQALGSVWAVEERSLTGTWDL SMLHRWSVRTGPGRHRGDT  
TSPSRPPGGPIITVHPKEIRTFIHFQQQ

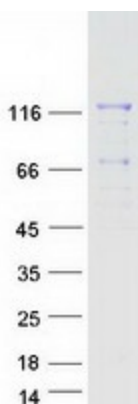
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	113.8 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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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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_056089</a>
<b>Locus ID:</b>	23324
<b>UniProt ID:</b>	<a href="#">Q9Y2E5</a>
<b>RefSeq Size:</b>	4201
<b>Cytogenetics:</b>	4p16.1
<b>RefSeq ORF:</b>	3027
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	Other glycan degradation

**Product images:**

Coomassie blue staining of purified MAN2B2 protein (Cat# [TP310523]). The protein was produced from HEK293T cells transfected with MAN2B2 cDNA clone (Cat# [RC210523]) using MegaTran 2.0 (Cat# [TT210002]).