

## Product datasheet for **TP310523**

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

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human mannosidase, alpha, class 2B, member 2 (MAN2B2), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >RC210523 protein sequence  
**Clone or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MGQLCWLPLLAPLLLLRPPGVQSAGPIRAFVPHSHMDVGVVYTVQESMRAYAANVYTSVVEELARGQQR  
RFIAVEQEFFRLWWDGVASDQQKYQVRQLLEEGRLEFVIGGQVMHDEAVTHLDDQILQLTEGHGFLYETF  
GIRPQFSWHVDPFGASATPTLALAGFNAHLGSRIDYDLKAAMQEARGLQFVWRGSPSLSERQEIFTHI  
MDQYSYCTPSHIPFSNRSGFYWNGVAVFPKPPPDGVYPMSEPVTPANINLYAEALVANVKQRAAWFRT  
HVLWPWGC DKQFFNASVQFANMDPLLDHINSHAAELGVSVQYATLGDYFRALHALNVTWRVRDHHDFLPY  
STEPFQAWTGFYTSRSSLKGLARRASALLYAGESMFTRYLWPAPRGHLDPTWALQQLQLRWAVSEVQHH  
DAITGTESPKVRDMYATHLASGMLGVRKLMASIVLDELQPQAPMAASSDAGPAGHFASVYNPLAWTVTTI  
VTLTVGFPGVVRTDEAGHPVPSQIQNSTETPSAYDLLILTTPGLSYRHYSIRPTAGAEQTQEPAAATVA  
STLQFGRRLRRRTSHAGRYLVPVANDCYIVLLDQDTNLMHSIWERSNRTVRVTQEFLEYHVNRDVKQGP  
ISDNYLFTPGKAAVPAWEAVEVMEIVAGQLVTEIRQYFYRNMATAQNYTYAIRSRLTHVPQGHGELLCHRI  
EQEYQAGPLELNREAVLRTSTNLNSQQVIYSDNNGYQMQRPPYVSYVNNIARNYPMVQSFAFMEDGKSR  
LVLLSERAHGISSQNGQVEVMLHRRLWNNFDWDLGYNLTLNDTSVHPVLWLLGWSLTTALRQRSAL  
ALQHRPVVLFGLAGTAPKLPGPQQQEAVTLPPNLHLQILSIPGWRYSSNHTESQNLKRGHRGEAQADL  
RRVLLRLYHLYEVGEDPVLSQPVTVNLEAVLQALGSVWAVEERSLTGTWDL SMLHRWSVRTGPGRHRGDT  
TSPSRPPGGPIITVHPKEIRTFIHFQQQ

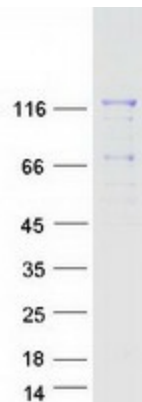
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**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>	<u>NP_056089</u>
<b>Locus ID:</b>	23324
<b>UniProt ID:</b>	<u>Q9Y2E5</u>
<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]).