

Product datasheet for **TP318683**

MRAP (NM_206898) Human Recombinant Protein

Product data:

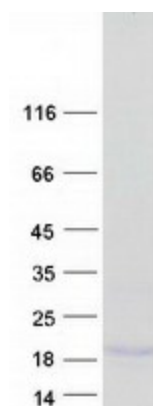
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens melanocortin 2 receptor accessory protein (MRAP), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218683 representing NM_206898 Red =Cloning site Green =Tags(s)
	MANGTNASAPYYSEYYLDYLDLIPVDEKKLKAHKHSIVIAFWVSLAAFVLLFLILLYMSWSASPQMSF NTDESLHSEVLPQTRAISCDELQAPREEGAA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.3 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.
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:	<u>NP_996781</u>
Locus ID:	56246
UniProt ID:	<u>Q8TCY5</u>
RefSeq Size:	656



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Cytogenetics:	21q22.11
RefSeq ORF:	306
Synonyms:	B27; C21orf61; FALP; FGD2; GCCD2
Summary:	This gene encodes a melanocortin receptor-interacting protein. The encoded protein regulates trafficking and function of the melanocortin 2 receptor in the adrenal gland. The encoded protein can also modulate signaling of other melanocortin receptors. Mutations in this gene have been associated with familial glucocorticoid deficiency type 2. Alternatively spliced transcript variants have been described. [provided by RefSeq, Dec 2009]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified MRAP protein (Cat# TP318683). The protein was produced from HEK293T cells transfected with MRAP cDNA clone (Cat# [RC218683]) using MegaTran 2.0 (Cat# [TT210002]).