

Product datasheet for PH318683

MRAP (NM_206898) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MRAP MS Standard C13 and N15-labeled recombinant protein (NP_996781)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218683
Predicted MW:	11.3 kDa
Protein Sequence:	<p>>RC218683 representing NM_206898</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MANGTNASAPYYSYEYYLDYLDLIPVDEKCLKAHKHSIVIAFWVSLAAFVLLFLILLYMSWSASPQMSF</p> <p>NTDESLHSEVLPQTRAI SCDELQAPREEGAA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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.
RefSeq:	NP_996781
RefSeq Size:	656
RefSeq ORF:	306
Synonyms:	B27; C21orf61; FALP; FGD2; GCCD2
Locus ID:	56246
UniProt ID:	Q8TCY5
Cytogenetics:	21q22.11

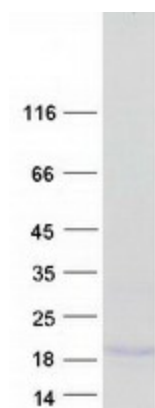

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Summary:

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]).