Recombinant Human MRAP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MRAP-1436H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MRAP MS Standard C13 and N15-labeled recombinant protein (NP_996781) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	11.3 kDa
AA Sequence	MANGTNASAPYYSYEYYLDYLDLIPVDEKKLKAHKHSIVIAFWVSLAAFVVLLFLILLY MSWSASPQMSFNTDESLLHSEVLPQTRAISCDELQAPREEGAATRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

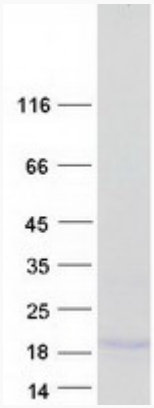
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MRAP melanocortin 2 receptor accessory protein [Homo sapiens (human)]
Official Symbol	MRAP
Synonyms	MRAP; melanocortin 2 receptor accessory protein; C21orf61, chromosome 21 open reading frame 61; melanocortin-2 receptor accessory protein; B27; FALP; fat tissue-specific low MW protein; fat cell-specific low molecular weight protein; FGD2; GCCD2; C21orf61;
Gene ID	56246
mRNA Refseq	NM_206898
Protein Refseq	NP_996781
MIM	609196
UniProt ID	Q8TCY5

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA