

Recombinant Full Length Human MRAP Protein, GST-tagged

Cat. No. MRAP-6341HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MRAP full-length ORF (NP_848932.1, 1 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	172 amino acids
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. [provided by RefSeq, Dec 2009]
Molecular Mass	45.5 kDa
AA Sequence	MANGTNASAPYYSYEYYLDYLDLIPVDEKKLKAHKHSIVIAFWVSLAAFVLLFLILLY MSWSASPQMRNSPKHHQTCPWSHGLNLHLICIQKCLPCHREPLATSQAQASSVEPG SRTGPDQPLRQESSSTLPLGGFQTHPTLLWELTLNGGPLVRSKPSEPPPGDRTSQL QS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MRAP melanocortin 2 receptor accessory protein [Homo sapiens]
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_178817
Protein Refseq	NP_848932
MIM	609196
UniProt ID	Q8TCY5

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