

Recombinant Full Length Human MRAP2 Protein, GST-tagged

Cat. No. MRAP2-6344HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MRAP2 full-length ORF (AAH39855.1, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	205 amino acids
Description	This gene encodes a protein that modulates melanocortin receptor signaling. The encoded protein has been shown to interact with all known melanocortin receptors and may regulate both receptor trafficking and activation in response to ligands. Mice lacking a functional copy of this gene exhibit severe obesity and a mutation in this gene may be associated with severe obesity in human patients. [provided by RefSeq, Oct 2016]
Molecular Mass	49.9 kDa
AA Sequence	MSAQRLLISNRTSQQSASNSDYTWEEYEEIGPVSFEGLKAHKYSIVIGFWVGLAVFVIFMFFVLTLTKTGAPHQDNAESSEKRFRMNSFVSDFGRPLEPDKVFSRQGNESRS LFHCYINEVERLDRAKACHQTTALDSDVQLQEAISSGQPEEELNRLMKFDIPNFVN TDQNYFGEDDLLISEPPIVLETKPLSQTSHKDLD
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	MRAP2 melanocortin 2 receptor accessory protein 2 [Homo sapiens (human)]
Official Symbol	MRAP2
Synonyms	MRAP2; melanocortin 2 receptor accessory protein 2; C6orf117; bA51G5.2; melanocortin-2 receptor accessory protein 2; MC2R accessory protein 2
Gene ID	112609
mRNA Refseq	NM_001346541
Protein Refseq	NP_001333470
MIM	615410
UniProt ID	Q96G30

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