

Recombinant Human MRAP protein(Tyr59-Ser172), hFc-tagged

Cat. No. MRAP-683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MRAP (NP_848932.1) (Tyr59-Ser172) was expressed in HEK293 with the Fc region of Human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	Tyr59-Ser172
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human MRAP consists 374 amino acids and predicts a molecular mass of 40.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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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