

Product datasheet for **TP500684**

Mrap (NM_029844) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse melanocortin 2 receptor accessory protein (Mrap), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200684 protein sequence Red =Cloning site Green =Tags(s)
	MANGTDASVPLTSYEYYLDYIDLIPVDEKCLKANKHSIVIALWLSLATFVLLFLILLYMSWSGSPQMRH SPQPQPICSWTHSFNLPLCLRRASLQTTEEPGRRAGTDQWLTQQSPSASAPGPLALP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	14.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_084120
Locus ID:	77037
UniProt ID:	Q9D159
RefSeq Size:	992
Cytogenetics:	16 C3.3
RefSeq ORF:	381



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Synonyms: 1110025G12Rik; C21ORF61; Falp; ORF61

Summary: Modulator of melanocortin receptors (MC1R, MC2R, MC3R, MC4R and MC5R). Acts by increasing ligand-sensitivity of melanocortin receptors and enhancing generation of cAMP by the receptors. Required both for MC2R trafficking to the cell surface of adrenal cells and for signaling in response to corticotropin (ACTH). May be involved in the intracellular trafficking pathways in adipocyte cells (By similarity).[UniProtKB/Swiss-Prot Function]