

Recombinant Mouse Oprm1 Protein, Myc/DDK-tagged

Cat. No. Oprm1-4596M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length opioid receptor, mu 1 (Oprm1), transcript variant MOR-1C, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes the mu opioid receptor which is where drugs such as morphine and other opioids have pharmacological effects. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	48.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Oprm1 opioid receptor, mu 1 [Mus musculus (house mouse)]
Official Symbol	Oprm1
Synonyms	OPRM1; opioid receptor, mu 1; mu-type opioid receptor; MOP receptor; mor; Oprm; muOR; MOP-R; MOR-1; M-OR-1; MOR-1O
Gene ID	18390
mRNA Refseq	NM_001039652
Protein Refseq	NP_001034741
UniProt ID	P42866

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