

## Recombinant Mouse Oprm1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	48.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

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

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