

Recombinant Human OPRM1 protein, GST-tagged

Cat. No. OPRM1-301348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OPRM1 (1-68 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ile68
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MDSSAAPTNASNCTDALAYSSCSPAPSPGSWVNLSHLDGNLSDPCGPNRTDLGGR DSLCPPTGSPSMI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	OPRM1 opioid receptor, mu 1 [Homo sapiens]
Official Symbol	OPRM1
Synonyms	OPRM1; opioid receptor, mu 1; mu-type opioid receptor; MOR1; MOP; hMOP; M-OR-1; mu opiate receptor; mu opioid receptor hMOR-1a; mu opioid receptor splice variant hMOR-1S; mu opioid receptor splice variant hMOR-1Z; mu opioid receptor splice variant hMOR-1b; mu opioid receptor splice variant hMOR-1Y2; mu opioid receptor splice variant hMOR-1Y3; MOR; LMOR; OPRM; KIAA0403;
Gene ID	4988
mRNA Refseq	NM_000914
Protein Refseq	NP_000905
MIM	600018
UniProt ID	P35372

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