

Recombinant Human OPRM1 Full Length Transmembrane protein, His-tagged

Cat. No. OPRM1-391H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human OPRM1 protein(P35372)(1-400aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.

Species

Human

Source

E.coli

ProteinLength

1-400aa

Form

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Molecular Mass

47.6 kDa

AA Sequence

MDSSAAPTNASNCTDALAYSSCSPAPSPGSWVNLSHLDGNLSDPCGPNRTDLGGR
 DSLCPPTGSPSMITAITIMALYSIVCVVGLFGNFLVMYVIVRYTKMKATNIYIFNLALA
 DALATSTLPPFQSVNYLMGTWPFGTILCKIVISIDYINMFTSIFTLCTMSVDRYIAVCHP
 VKALDFRTPRNAKIINVCNWILSSAIGLPVMFMATTKYRQGSIDCTLTFSHPTWYWEN
 LLKICVFIFAFIMPVLIITVCYGLMILRLKSVRMLSGSKEKDRNLRRITRMVLVVAVFIV
 CWTPIHIYVIAKALVTIPETTFQTVSWHFCIALGYTNSCLNPVLYAFLDENFKRCFREFC
 IPTSSNIEQQNSTRIRQNTRDHPSTANTVDRTNHQLENLEAETAPLP

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

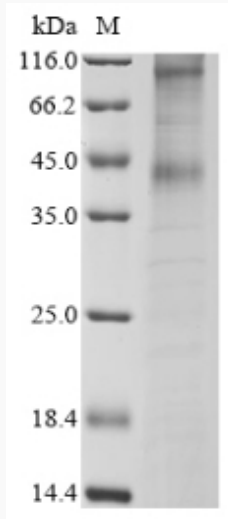
Gene Name	OPRM1 opioid receptor, mu 1 [Homo sapiens]
Official Symbol	OPRM1
Synonyms	OPRM1; opioid receptor, mu 1; mu-type opioid receptor; MOR1; MOP; hMOP; M-OR-1; mu opiate receptor; mu opioid receptor hMOR-1a; mu opioid receptor splice variant hMOR-1S; mu opioid receptor splice variant hMOR-1Z; mu 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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SDS-PAGE



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