

# Recombinant Full Length Macaca Fascicularis Mu-Type Opioid Receptor(Oprm1) Protein, His-Tagged

Cat. No. RFL24258MF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Macaca fascicularis Mu-type opioid receptor(OPRM1) Protein (Q95M54) (1-400aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Macaca fascicularis

**Source** E.coli

**ProteinLength** Full Length (1-400)

**Form** Lyophilized powder

**AA Sequence**  
MDSSAVPTNASNCTDALAHSSCSPAPSPGSWVNLSHLDGNLSDPCGPNRTDLGGR  
DSLCP PTGSPSMITAITIMALYSIVCVVGLFGNFLVMYVIVRYTKMKTATNIYIFNLALA  
DALVT STLPFQSVNYLMGTWPFGTILCKIVISIDYYNMFTSIFTLCTMSVDRIYAVCHP  
VKALDF RTPRNAKIINVCNWILSSAIGLPVMFMATTKYRQGSIDCTLTFSHPSWYWE  
NLLKICVFI FAFIMPVLIITVCYGLMILRLKSVRMLSGSKEKDRNLRRITRMVLVVAVFI  
ICWTPIHI YVIAKALVTIPETTLQTVSWHFCIALGYTNSCLNPVLYAFLDENFKRCFREF  
CIPTSSNI EQQNSTRIRQNTRDHPSTANTVDRTNHQLENLEAETAPLP

**Purity** Greater than 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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## GENE INFORMATION

<b>Gene Name</b>	OPRM1
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<b>Synonyms</b>	OPRM1; MOR1; Mu-type opioid receptor; M-OR-1; MOR-1
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<b>UniProt ID</b>	<a href="#">Q95M54</a>
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