

Recombinant Full Length Bovine Mu-Type Opioid Receptor(Oprm1) Protein, His-Tagged

Cat. No. RFL20841BF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Full Length Bovine Mu-type opioid receptor(OPRM1) Protein (P79350) (1-401aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Bovine |
| Source | E.coli |
| ProteinLength | Full Length (1-401) |
| Form | Lyophilized powder |
| AA Sequence | <p> MDSGAVPTNASNCTDPFTHPSSCSPAPSPSSWVNFHLEGNLSDPCGPNRTELGG SDRLC PSAGSPSMITAIIMALYSIVCVVGLFGNFLVMYVIVRYTKMKTATNIYIFNLAL ADALA TSTLPFQSVNYLMGTWPFGTILCKIVISIDYYNMFTSIFTLCTMSVDRYIAVCH PVKALD LRTPRNAKIINICNWILSSAIGLPVMFMATTKYRQGSIDCTLTFSHPTWYWE NLLKICVF IFAFIMPILIITVCYGLMILRLKSVRMLSGSKEKDRNLRRITRMVLVVAVFI VCWTPIH IYVIIKALITIPETTFQTVSWHFCIALGYTNSCLNPVLYAFLDENFKRCFREF CIPTSST IEQQNSTRIRQNTRDHPSTANTVDRTNHQLENLEAETTPLP </p> |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Applications | SDS-PAGE |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C |

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for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

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.

GENE INFORMATION**Gene Name**

OPRM1

Synonyms

OPRM1; Mu-type opioid receptor; M-OR-1; MOR-1

UniProt ID

[P79350](#)

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