

Recombinant Full Length Mouse Olfactory Receptor 1(Olfr1) Protein, His-Tagged

Cat. No. RFL19798MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Olfactory receptor 1(Olfr1) Protein (Q8VGI1) (1-314aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-314)
Form	Lyophilized powder
AA Sequence	<p>MTERNKTVISQFLLLGLPIPEHQQLFYALFLVMYLTTVLGNLIILIIILDSHLHTPMY LF LSNLSFSDLCFSSVTMPKLLQNMQSQVPSIPYAGCLAQIYFFLFFGDLGNFLLVAMAY DRYVAICYPLHYTTIMSPRLCVSLVLSWVLTTTFHAMLHTLLMARLSFCEDNVIPHYF CD MSALLKLACSDTRVNEVVIFIVASIFLVLPFALITMSYVRIVSSILKVPSSQGIYKAF ST CGSHLSVVSFLFYGTVIGLYLSPSSNNSTVKDTVMSLMYTVVTPMLNPFYSLRNR DIKGA LERVFCKRKIQLNL</p>
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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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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 Olfr1

Synonyms Olfr1; Mor135-13; Olfactory receptor 1; Odorant receptor I54; Olfactory receptor 135-13

UniProt ID [Q8VGI1](#)

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