

# Recombinant Full Length Mouse Taste Receptor Type 2 Member 38(Tas2R38) Protein, His-Tagged

Cat. No. RFL10922MF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse Taste receptor type 2 member 38(Tas2r38) Protein (Q7TQA6) (1-331aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mus musculus
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-331)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>           MLSLTPVLTVSYEAKISFLFLSAMEFAVGILANAFIVLVNVWDVVKKQPLNNCDIALLC            L SITRLFLQGLLLLDAIQLACFQQMKDPLSHNYQAILTLWMIANQVSLWLAACLSELLY            CSK IVRFSHTFPLHVASWVSRFLQMLLVLLLSCICTALCLWDFFCRSHSTVTSL            HLNSTE FSLQIAKLNFFYSFIFCNVGSVPPSLAFLVSSGVLVISLGSMTMKSQTSS            SGDPSLEA HIRAIIFLISFFCFYVVSFCAALISIPLLMLWHNKGGMVICIGMMAACPSG            HAAILISGN AKLRRAIETMLFWFQSRQKVRP VH KVPRTL         </p>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	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** Tas2r38

**Synonyms** Tas2r38; T2r31; Tas2r138; Taste receptor type 2 member 38; T2R38; T2R138; mT2R31

**UniProt ID** [Q7TQA6](#)

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