

## Recombinant Full Length Mouse Taste Receptor Type 2 Member 113(Tas2R113) Protein, His-Tagged

Cat. No. RFL35681MF Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Mouse Taste receptor type 2 member 113(Tas2r113) Protein (Q7M711) (1-309aa), 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 (1-309)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MVAVLQSTLPIIFSMEFIMGTLGNGFIFLIVCIDWVQRRKISLVDQIRTA LAISRIALIW LI<br>FLDWWVSVHYPALHETGKMLSTYLISWTVINHCNFWLTANLSILYFLKIANFNSNIIFL Y<br>LKFRSKNVVVLVTLVLSLFFLFLNTVIIKIFSDVCFDSVQRNVSQIFIMYNHEQICKFLS F<br>TNPMFTFIPFVMSTVMFSL LIFSLWRHLKMQHTAKGCRDISTTVHIRALQTIIVSVVL<br>YTIFFLSFFVKVWSFVSPERYLIFLFWALGNVFSAPFPVMILVNRRLRLASLSLIFW<br>L WYRFKNIEV |
| <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**

Tas2r113

**Synonyms**

Tas2r113; T2r58; Taste receptor type 2 member 113; T2R113; mT2R58

**UniProt ID**

[Q7M711](#)

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