

## Recombinant Full Length Mouse Taste Receptor Type 2 Member 119(Tas2R119) Protein, His-Tagged

**Cat. No.** RFL1030MF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Mouse Taste receptor type 2 member 119(Tas2r119) Protein (Q9JKT2) (1-335aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Full Length (1-335)                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | <p>MMEGHMLFFLLVVVQFLTGVLANGLIVVVNAIDLIMWKKMAPLDLLFCLATSRILQ<br/> L CILFAQLGSLCLVRHTLFADNVTFVYIINELSLWFATWLGVFYCAKIATIPHPLFLWL<br/> KM RISRLVPWLILASVVYVTVTTFIHSRETSSELPKQIFISFFSKNTTRVRPAHATLLSVF<br/> VF GLTLPFLIFTVAVLLLLSSLWNHSRQMRTMVGTRPSRHALVSAMLSILSFLILYLS<br/> HDM VAVLICTQGLHFGSRTFAFCLLVIGMYPSSLHSIVLILGNPKLKRNAKTFIVHCKC<br/> CHCAR AWTSRNPRLSDLPVPATHHSANKTSCSEACIMPS</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**

Tas2r119

**Synonyms**

Tas2r119; Tas2r19; Taste receptor type 2 member 119; T2R119; Taste receptor type 2 member 19; T2R19

**UniProt ID**

[Q9JKT2](#)

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