

## Recombinant Full Length Human Taste Receptor Type 2 Member 16(Tas2R16) Protein, His-Tagged

**Cat. No.** RFL7654HF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human Taste receptor type 2 member 16(TAS2R16) Protein (Q9NYV7) (1-291aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Full Length (1-291)                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MIPIQLTVFFMIIYVLESITIIVQSSLIVAVLGREWLQVRRMLPVDMLISLGISRFLQ W<br>ASMLNNFCSYFNLNYVLCNLTITWEFFNILTFWLNSLLTVFYCIKVSSFTHHIFLWLRW<br>RILRLFPWILLGSLMITCVTIIPSAIGNYIQIQLLTMEHLPRNSTVTDKLENFHQYQFQA<br>HTVALVIPFILFLASTIFLMASLTKQIQHHSTGHCNPSMKARFTALRSLAVLFIVFTSYF<br>LTILITIIGTLFDKRCWLWWWEAFVYAFILMHSTSLMLSSPTLKRILKGKC |
| <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 repeated freeze-thaw cycles.                                                                                                                                                                                                     |

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|                       |                                             |
|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | 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**

|                  |         |
|------------------|---------|
| <b>Gene Name</b> | TAS2R16 |
|------------------|---------|

|                 |                                                 |
|-----------------|-------------------------------------------------|
| <b>Synonyms</b> | TAS2R16; Taste receptor type 2 member 16; T2R16 |
|-----------------|-------------------------------------------------|

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|-------------------|------------------------|
| <b>UniProt ID</b> | <a href="#">Q9NYV7</a> |
|-------------------|------------------------|

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