

## Recombinant Mouse Tas1r1 Protein, MYC/DDK-tagged

Cat. No. Tas1r1-465M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse taste receptor, type 1, member 1 (Tas1r1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Biased expression in testis adult (RPKM 16.2), genital fat pad adult (RPKM 1.6) and 2 other tissues.  |
| <b>Molecular Mass</b>   | 93.9 kDa  |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.         |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.  |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method  |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.   |

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|------------------------|--|
| <b>Gene Name</b>       | Tas1r1 taste receptor, type 1, member 1 [ Mus musculus (house mouse) ]   |
| <b>Official Symbol</b> | Tas1r1   |
| <b>Synonyms</b>        | Tas1r1; taste receptor, type 1, member 1; TR1; T1r1; Gpr70; taste receptor type 1 member 1; G-protein coupled receptor 70; candidate taste receptor T1R1 |
| <b>Gene ID</b>         | 110326   |
| <b>mRNA Refseq</b>     | NM_031867  |
| <b>Protein Refseq</b>  | NP_114073  |
| <b>UniProt ID</b>      | Q99PG6   |

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