

Recombinant Human TAS1R3 protein, His&Myc-tagged

Cat. No. TAS1R3-3534H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAS1R3 protein(Q7RTX0)(21-570aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	21-570aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	68.4 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

AA Sequence

APLCLSQQLRMKGDYVLGGFLPLGEAEEAGLSRTRPSSPVCTRFSSNGLLWALAM
 KMAVEEINNKS DLLPGLRLGYDLFDTCEP VVAMKPSLMFLAKAGSRDIAAYCNYTQ
 YQPRVLAVIGPHSSELAMVTGKFFSFFLMPQVSYGASMELLSARETFPSFFRTVPSD
 RVQLTAAAE LLQEFGWNWVAALGSDDEYGRQGLSIFSALAAARGICIAHEGLVPLPR
 ADDSRLGKVQDVLHQVNQSSVQVLLFASVHAAHALFNYSISSRLSPKVWVASEAW
 LTSDLVMGLPGMAQMGTVLGFLQ RGAQLHEFPQYVKTHLALATDPAFCSALGERE
 QGLEEDVVGQRCPQCDCITLQNVSAGLNHHQTFSVYAAVYSVAQALHNTLQCNAS
 GCPAQDPVKPWQLLENMYNLTFHVGGLPLRFDSSGNVDMEYDLKLWWVQGSVPR
 LHDVGRFNGSLRTERL KIRWHTSDNQKPVSRCSRQCQEGQVRRVKGFHSCCYDC
 VDCEAGSYRQNPDDIAC TFCGQDEWSPERSTRCFRRRSRFLAWGEP AVL

GENE INFORMATION

Gene Name TAS1R3 taste receptor, type 1, member 3 [Homo sapiens]

Official Symbol TAS1R3

Synonyms TAS1R3; taste receptor, type 1, member 3; taste receptor type 1 member 3; T1R3;
 sweet taste receptor T1R3;

Gene ID 83756

mRNA Refseq NM_152228

Protein Refseq NP_689414

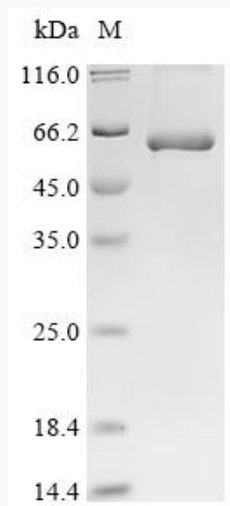
MIM 605865

UniProt ID Q7RTX0

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SDS-PAGE

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