

Recombinant Human TAS1R1 protein, His-tagged

Cat. No. TAS1R1-2862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAS1R1 protein(22-167 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	22-167 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	ACHSTESSPDFTLPGDYLLAGLFPLHSGCLQVRHRPEVTLCDRSCSFNEHGYHLFQ AMRLGVVEEINNSTALLPNITLGYQLYDVCSDSANVYATLRVLSLPGQH HIELQGDLLH YSPTVLAVIGPDSTNRAATTAALLSPFLVPMI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal

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volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

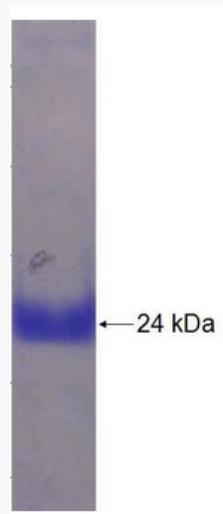
Gene Name	TAS1R1 taste receptor, type 1, member 1 [Homo sapiens]
Official Symbol	TAS1R1
Synonyms	TAS1R1; taste receptor, type 1, member 1; G protein coupled receptor 70 , GPR70; taste receptor type 1 member 1; T1R1; TR1; G protein-coupled receptor 70; G-protein coupled receptor 70; seven transmembrane helix receptor; GM148; GPR70;
Gene ID	80835
mRNA Refseq	NM_138697
Protein Refseq	NP_619642
MIM	606225
UniProt ID	Q7RTX1

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SDS-PAGE



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