

Recombinant Human TAS2R10 protein, GST-tagged

Cat. No. TAS2R10-4633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAS2R10 protein(148-227 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	148-227 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	AKILNDYKMKN DTVWDLNMYKSEYFIKQILLNLGVIFFFTLSLITCIFIISLWRHNRQM QSNVTGLRDSNTEAHVKAMK
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/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

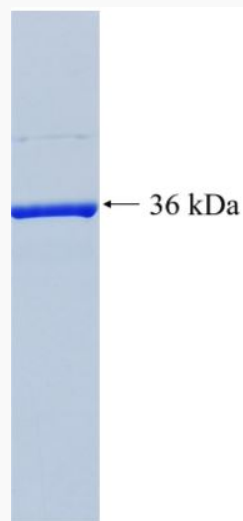
Gene Name	TAS2R10 taste receptor, type 2, member 10 [Homo sapiens]
Official Symbol	TAS2R10
Synonyms	TAS2R10; taste receptor, type 2, member 10; taste receptor type 2 member 10; T2R10; TRB2; taste receptor family B member 2; taste receptor, family B, member 2; MGC126811; MGC126813;
Gene ID	50839
mRNA Refseq	NM_023921
Protein Refseq	NP_076410
MIM	604791
UniProt ID	Q9NYW0

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SDS-PAGE



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