

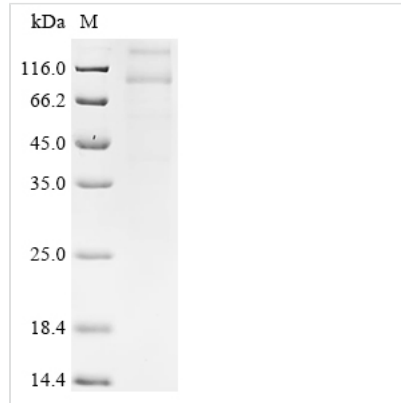


Recombinant Human Taste receptor type 1 member 2 (TAS1R2)

Product Code	CSB-CF840577HU(A4)
Abbreviation	Recombinant Human TAS1R2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8TE23
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Human Taste receptor type 1 member 2(TAS1R2)
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	EPAENSDFYLPGDYLLGGLFSLHANMKGIVHLNFLQVPMCKEYEVKVI GYNLM QAMRF AVEEINNDSSLLPGVLLGYEIVDVCYISNNVQPPLYFLAHEDNLLPIQED YSNYISR VVAVIGPDNSESVMTVANFLSLFLLPQITYSAISDEL RDKVRF PALLR TTPSADH HIEAMVQLMLHFRWNWIIVLVSSD TYGRDNGQLLGERVARRD ICIAF QETLPTLQPNQNMTSEERQRLVTIVDKLQQSTARVVVVFSPDLTLYHFFNEVL RQNFTGAVWIASESWAIDPVLHNLTEL RHLGTFLGITIQSVP IPIGFSEFREWGP QAGPPPLSRTS QS YTCNQECDNCLNATLSFNTILRLSGERVVYSVYSAVYAVA HALHSL LGCDKSTCTKR VVYPWQLLEEIWKNVFTLLDHQIFFDPQGDVALHLEI VQWQWDRSQNP FQSVASYYP LQRQLKNIQDISWHTINNTIPMSMCSKRCQSQ QKKKPVGIHVCCFECIDCLPGTFLNHTEDEYECQACPNNEWSYQSETSCFKR QLVFLEWHEAPTIAVALLAALGFLSTLAILVIFWRHFQTPIVRSAGGPMCFMLMT LLL VAYMVVPVYVGPPKVSTCLCRQALFPLCFTICISCI AVRSFQIVCAFKMASR FPRAYSYWVRYQGPYVSM AFITVLKMVIVVIGMLATGLSPTTRTDPDDPKITIVS CNPNYRNSLLFNTSLDLLLSVVGFSFAYMGKELPTNYNEAKFITLSMTFYFTSS VSLCTFMSAYS GVLVTIVDLLVTVLNLLAISLGYFGPKCYMILFYPERNTPAYFN SMIQGYTMRRD
Research Area	Neuroscience
Source	in vitro E.coli expression system
Target Names	TAS1R2
Expression Region	20-839aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



Tag Info	N-terminal 10xHis-tagged
Mol. Weight	99.1 kDa
Protein Length	Full Length of Mature Protein

Image


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.