

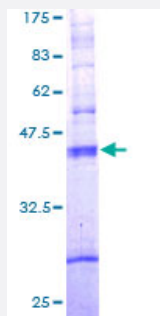
Full-Length

TAS2R10 (Human) Recombinant Protein (P01)

Catalog # H00050839-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TAS2R10 full-length ORF (AAH63585, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLRVVKGIFVSVSESVFGVLGNGFIGLVNCIDCAKNKLSTIGFILTGLAISRIFLWVITDGFQIFSPN YASGNLIEYSYFWVIGNQSSMWFATSLSIFYFLKIANFSNYFLWLKSRTNMVLPMVMVLLISSLLNF AYIAKILNDYKMKNDTVWDLNMYKSEYFIKQILLNLGVIFFLTLSLITCFLIISLWGHNR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.29
Interspecies Antigen Sequence	Mouse (56); Rat (55)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TAS2R10

Entrez GeneID [50839](#)

GeneBank Accession# [CN836251](#)

Protein Accession# [AAH63585](#)

Gene Name TAS2R10

Gene Alias MGC126811, MGC126813, T2R10, TRB2

Gene Description taste receptor, type 2, member 10

Omim ID [604791](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. [provided by RefSeq]

Other Designations taste receptor, family B, member 2

Pathway

- [Taste transduction](#)