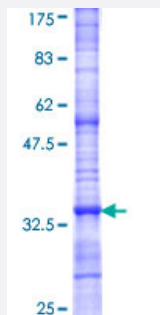


# TAS2R10 (Human) Recombinant Protein (Q01)

Catalog # H00050839-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human TAS2R10 partial ORF ( AAH63585, 1 a.a. - 124 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MLRVVEGIFIFVVVSESVFGVLGNGFIGLVNCIDCAKNKLSTIGFILTGLAISRIFLWIIITDGFQIFSPNI YASGNLIEYISYFWVIGNQSSMWFATSLSIFYFLKIANFSNYFLWLKSG
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	39.27
<b>Interspecies Antigen Sequence</b>	Mouse (56); Rat (55)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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](#)