

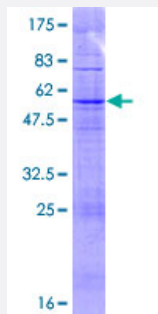
Full-Length

TAS2R43 (Human) Recombinant Protein (P01)

Catalog # H00259289-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TAS2R43 full-length ORF (AA117424.1, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MITFLPIIFSSLVVVTFVIGNFANGFIALVNSIESFKRQKISFADQILTALAVSRVGLLWVLLLNWYSTV
LNPAFNSVEVRTTAYNIWAVINHFSNWLATTLSIFYLLKIANFSNFIFLHLKRRVKSVILVMLLGPLLFL
ACHLFVINMNEIVRTKEFEGNMTWKIKLSAMYFSNMTVTMVANLVPFTLTLLSFMLLICSLCKHLK
KMQLRGKGSQDPSTKVHIKALQTVISFLLLCAYFLSIMISVWSFGSLENKPVFMFCKAIRFSYPSIH
PFILWGNKKLKQTFLSVFWQMRYYWVKGEKTSSP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.9

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 — TAS2R43

Entrez GeneID	259289
GeneBank Accession#	BC117423.1
Protein Accession#	AAI17424.1
Gene Name	TAS2R43
Gene Alias	T2R43, T2R52
Gene Description	taste receptor, type 2, member 43
Gene Ontology	Hyperlink
Gene Summary	TAS2R43 belongs to the large TAS2R receptor family. TAS2Rs are expressed on the surface of taste receptor cells and mediate the perception of bitterness through a G protein-coupled second messenger pathway (Conte et al., 2002 [PubMed 12584440]). For further information on TAS2Rs , see MIM 604791.[supplied by OMIM]
Other Designations	-

Pathway

- [Taste transduction](#)