

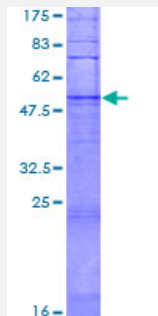
Full-Length

# TAS2R45 (Human) Recombinant Protein (P01)

Catalog # H00259291-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human TAS2R45 full-length ORF ( NP\_795367.1, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MITFLPIIFSILVVVTFVIGNFANGFIALVNSTEWVKRQKISFADQIVTALAVSRVGLLWVLLLNWYSTV  
LNPAFYVELRTTAYNIWAVTGHFSNWPATSLSIFYLLKIANFSNLIFRLKRRVKSVILVLLGPLLFL  
ACHLFVVMNQVWTKEYEGNMTWKIKLRRAMYSDDTVTMLANLVPFTVTLISFLLLVC SLCKHLK  
KMLHKGKSQDPSTKVHIKVLQTVISFFLLRAIFVSVIISVWSFKNLENKPVFMFCAIGFSCSSA  
HPFILWGNKKLKQTYLSVLWQMRY

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

60.7

### 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 — TAS2R45

**Entrez GeneID** [259291](#)

**GeneBank Accession#** [NM\\_176886.1](#)

**Protein Accession#** [NP\\_795367.1](#)

**Gene Name** TAS2R45

**Gene Alias** GPR59, MGC119923, MGC119924, MGC119925, ZG24P

**Gene Description** taste receptor, type 2, member 45

**Gene Ontology** [Hyperlink](#)

**Gene Summary** type 2

**Other Designations** G protein-coupled receptor 59

## Pathway

- [Taste transduction](#)