

Proteoliposomes

Full-Length

# TAS2R1 (Human) Recombinant Protein

Catalog # H00050834-G01

Size 2 ug

## Specification

Product Description	Human TAS2R1 full-length ORF (NP_062545.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MLESHLIYFLLAVIQFLLGIFTNGIMVVNGIDLIKHRKMAPDLLLSCLAVSRIFLQLFIFYNVVIMFFIEF IMCSANCAILLFINELELWLATWLGVFYCAKVASVRHPLFIWLKMRISKLVPWMLGSLLYVSMICVF HSKYAGFMVPHYLRKFFSQNATIQKEDTLAIQIFSVAEFSVPLLIFLFAVLLIFSLGRHTRQMRNTV AGSRVPGRGAPISALLSILSFLILYFSHCMIKVFLSSLKFHIRRFILFFILVIGYPSGHSLLILGNPKLK QNAKKFLLHSKCCQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.3
Form	Liquid
Preparation Method	<a href="#">in vitro wheat germ expression system with proprietary liposome technology</a>
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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

- Antibody Production

## Gene Info — TAS2R1

Entrez GeneID	<a href="#">50834</a>
GeneBank Accession#	<a href="#">NM_019599.2</a>
Protein Accession#	<a href="#">NP_062545.1</a>
Gene Name	TAS2R1
Gene Alias	MGC126778, MGC126780, T2R1, TRB7
Gene Description	taste receptor, type 2, member 1
Omim ID	<a href="#">604796</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is mapped to chromosome 5p15, the location of a genetic locus (PROP) that controls the detection of the bitter compound 6-n-propyl-2-thiouracil. [provided by RefSeq]
Other Designations	OTTHUMP00000115583 taste receptor T2R1 taste receptor, family B, member 7

## Pathway

- [Taste transduction](#)

## Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)