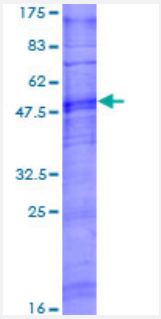
Full-Length

OR5T3 (Human) Recombinant Protein (P01)

Catalog # H00390154-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human OR5T3 full-length ORF (Q8NGG3, 1 a.a. - 322 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDKLSSGLDIYRNPLKNKTEVTMFILTGFTDDFELQVFLFLLFFAIYLFTLIGNLGLVVLVIEDSWLHN PMYYFLSVLSFLDACYSTVVTPKMLVNFLAKNKSISFIGCATQMLLFVTFGTTECFLLAAMAYDHYV AIYNPLLYSVSMSPRVYVPLITASYVAGILHATIHIVATFSLSFCGSNEIRHVFCDMPPLLAISCSDTHT NQLLLFYFVGSIEIVTILIVLISCDFILLSILKMHSAKGRQKAFSTCGSHLTGVTIYHGTILVSYMRPSSSY ASDHDIIVSIFYTIVIPKLNPIIYSLRNKEVKKAVKKMLKLVYK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	62.6
Interspecies Antigen Sequence	Mouse (79); Rat (77)
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 — OR5T3

Entrez GeneID	390154
GeneBank Accession#	Q8NGG3
Protein Accession#	Q8NGG3
Gene Name	OR5T3
Gene Alias	OR11-178, OR5T3Q
Gene Description	olfactory receptor, family 5, subfamily T, member 3
Gene Ontology	Hyperlink
Gene Summary	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response tha t triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptor s share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. T he olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provid ed by RefSeq
Other Designations	olfactory receptor OR11-178

Pathway

- Olfactory transduction