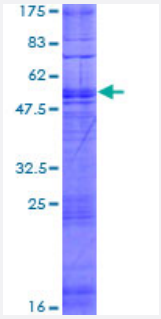
Full-Length

TAAR1 (Human) Recombinant Protein (P01)

Catalog # H00134864-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TAAR1 full-length ORF (NP_612200.1, 1 a.a. - 339 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	MMPFCHNIINISCVKNNWSNDVRASLYSLMVLIILTTLVGNLIVIVSISHFKQLHTPTNWLIHSMATVDF LLGCLVMPYSMVRSAEHCWYFGEVFCKIHTSTDIMLSSASIFHLSFISIDRYYAVCDPLRYKAKMNIL VICVMIFISWSVPAVFAFGMIFLELNFKGAEEIYYKHVHCRGGCSVFFSKISGVLTFMTSFYIPGSIML CVYYRIYLIAKEQARLISDANQKLQIGLEMKNGISQSKERKAVKTLGIVMGVFLICWCPFFICTVMDP FLHYIIPPTLNDVLIWFGYLNSTFNPMVYAFFYPWFRKALKMMLFGKIFQKDSSRCKLFLELSS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	65.5
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 — TAAR1

Entrez GeneID	134864
GeneBank Accession#	NM_138327.1
Protein Accession#	NP_612200.1
Gene Name	TAAR1
Gene Alias	MGC126874, MGC138399, RP11-295F4.9, TA1, TAR1, TRAR1
Gene Description	trace amine associated receptor 1
Omim ID	609333
Gene Ontology	Hyperlink
Gene Summary	TAAR1 is a G protein-coupled receptor activated by trace amines. Trace amines are endogenous amine compounds that account for less than 1% of the biogenic amines in most brain regions (Bunzow et al., 2001 [PubMed 11723224]).[supplied by OMIM
Other Designations	OTTHUMP00000017224|trace amine receptor 1

Pathway

- Neuroactive ligand-receptor interaction