

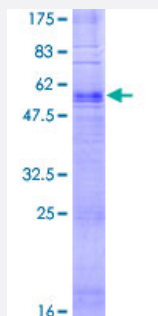
Full-Length

TAAR6 (Human) Recombinant Protein (P01)

Catalog # H00319100-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TAAR6 full-length ORF (NP_778237.1, 1 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSSNSSLLVAVQLCYANVNGSCVKIPFSPGSRVILYVFGFGAVLAVFGNLLVMISILHFKQLHSPTN
FLVASLACADFLVGVTVMPPFSMVRTVESCWYFGRSFCFTHTCCDVAFCYSSLFHLCHFISIDRYAV
TDPLVYPTKFTVSVSGICISVSWILPLMYSGAVFYTGVDGEELESDALNCIGGCQTVVNQNWVL
TDFLSFFIPTFIMILYGNIFLVARQAKKIENTGSKTESSSESYKARVARRERKAAKTLGVTVAFMI
SWLPYSIDSLIDAFMGFITPACIYEICCWCAYYNSAMNPLIYALFYWFRKAIVVTGQVLKNSSATM
NLFSEHI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.9

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 — TAAR6

Entrez GeneID [319100](#)

GeneBank Accession# [NM_175067.1](#)

Protein Accession# [NP_778237.1](#)

Gene Name TAAR6

Gene Alias RP11-295F4.3, SCZD5, TA4, TRAR4

Gene Description trace amine associated receptor 6

Omim ID [603175 608923](#)

Gene Ontology [Hyperlink](#)

Gene Summary The TAAR6 (TRAR4) gene belongs to the trace amine receptor family. Trace amines are endogenous amine compounds that are chemically similar to classic biogenic amines like dopamine, nor epinephrine, serotonin, and histamine. Trace amines were thought to be 'false transmitters' that displace classic biogenic amines from their storage and act on transporters in a fashion similar to the amphetamines, but the identification of brain receptors specific to trace amines indicates that they also have effects of their own (Duan et al., 2004 [PubMed 15329799]).[supplied by OMIM]

Other Designations OTTHUMP00000017222|trace amine receptor 4

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Bipolar Disorder](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tooth Abnormalities](#)