

Datasheet for ABIN7557502

**TAAR5 Protein (AA 1-337) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TAAR5
Protein Characteristics:	AA 1-337
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAAR5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Taar5 Protein expressed in mammalian cells.
Sequence:	<p>MRAVLLPGSG EQPTAFCYQV NGSCPRTVHP LAIQVVIYLA CAVGLITVL GNLFWVFAVS YFKVLHPTPN FLLSLALAD MLLGLLVLPL STVRSVESCW FFGDFLCRLH TYLDTLFCLT SIFHLCFISI DRHCAICDPL LYPKFTVRT ALRYIVAGWG IPAAYTAFFL YTDVVERALS QWLEEMPCVG SCQLLFNKFW GWLNFPAFFV PCLIMISLYL KIFVVATRQA QQIRTLSQSL AGAVKRERKA AKTLGIAVGI YLVCWLPFTV DTLVDSELLNF ITPPLVDFIF IWFAYFNSAC NPIIYVFSYR WFRKALKLLL SREIFSPRTP TVDLYHD <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

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Target:	TAAR5
Alternative Name:	Taar5 ( <a href="#">TAAR5 Products</a> )
Background:	Trace amine-associated receptor 5 (TaR-5) (Trace amine receptor 5) (mTaar5) (Trimethylamine receptor),FUNCTION: Olfactory receptor specific for trimethylamine, a trace amine enriched in the urine of male mice, playing a role in social behavior. Trimethylamine is present at high concentration in the urine of male mice after puberty and acts as an attractant. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase. {ECO:0000269 PubMed:16878137, ECO:0000269 PubMed:23177478}.
Molecular Weight:	38.2 kDa
UniProt:	<a href="#">Q5QD14</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months