

Datasheet for ABIN7544154
TAAR5 Protein (AA 1-337) (His tag)



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Overview

Quantity:	1 mg
Target:	TAAR5
Protein Characteristics:	AA 1-337
Origin:	Human
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> MRAVFIQGAE EHAAFCYQV NGSCPRTVHT LGIQLVIYLA CAAGMLIIVL GNVFVAFVS YFKALHTPTN FLLSLALAD MFLGLLVLPL STIRSVESCW FFGDFLCRLH TYLDTLFLCT SIFHLCFISI DRHCAICDPL LYPSKFTVRV ALRYILAGWG VPAAYTSLFL YTDVVETRLS QWLEEMPCVG SCQLLNKFW GWLNFPFFV PCLIMISLYV KIFVVATRQA QQITTLSKSL AGAAKHERKA AKTLGIAVGI YLLCWLPFTI DTMVDSLLHF ITPPLVDFIF IWFAYFNSAC NPIIYVFSYQ WFRKALKLTL SQKVFSQPQR TVDLYQE </p> <p>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.</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

- 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

Target:	TAAR5
Alternative Name:	TAAR5 (TAAR5 Products)
Background:	Trace amine-associated receptor 5 (TaR-5) (Trace amine receptor 5) (hTaar5) (Putative neurotransmitter receptor),FUNCTION: Olfactory receptor specific for trimethylamine, a trace amine. Also activated at lower level by dimethylethylamine. Trimethylamine is a bacterial metabolite found in some animal odors, and to humans it is a repulsive odor associated with bad breath and spoiled food. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase. {ECO:0000269 PubMed:23393561}.
Molecular Weight:	38.2 kDa
UniProt:	O14804

Application Details

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