

Datasheet for ABIN7544135
TAAR6 Protein (AA 1-345) (His tag)



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Overview

Quantity:	1 mg
Target:	TAAR6
Protein Characteristics:	AA 1-345
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAAR6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TAAR6 Protein expressed in mammalian cells.
Sequence:	<p>MSSNSSLLVA VQLCYANVNG SCVKIPFSPG SRVILYIVFG FGAVLAVFGN LLVMISILHF</p> <p>KQLHSPTNFL VASLACADFL VGVTVMPPFSM VRTVESCWYF GRSFCTFHTC CDVAFCYSSL</p> <p>FHLCFISIDR YIAVTDPLVY PTKFTVSVSG ICISVSWILP LMYSGAVFYT GYDDGLEEL</p> <p>SDALNCIGGC QTVVNQNWVL TDFLSFFIPT FIMIILYGNL FLVARRQAKK IENTGSKTES</p> <p>SSESYKARVA RRERKAAKTL GVTVVAFMIS WLPYSIDSLI DAFMGFITPA CIYEICCWCA</p> <p>YYNSAMNPLI YALFYPWFRK AIKVIIVTGQV LKNSSATMNL FSEHI 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:	TAAR6
Alternative Name:	TAAR6 (TAAR6 Products)
Background:	Trace amine-associated receptor 6 (TaR-6) (Trace amine receptor 6) (Trace amine receptor 4) (TaR-4),FUNCTION: Orphan receptor. Could be a receptor for trace amines. Trace amines are biogenic amines present in very low levels in mammalian tissues. Although some trace amines have clearly defined roles as neurotransmitters in invertebrates, the extent to which they function as true neurotransmitters in vertebrates has remained speculative. Trace amines are likely to be involved in a variety of physiological functions that have yet to be fully understood.
Molecular Weight:	38.5 kDa
UniProt:	Q96R18

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