

Datasheet for ABIN7544155

Trace Amine Associated Receptor 8 (TAAR8) (AA 1-342) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Trace Amine Associated Receptor 8 (TAAR8)
Protein Characteristics:	AA 1-342
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TAAR8 Protein expressed in mammalian cells.
Sequence:	<p>MTSNFSQPVV QLCYEDVNGS CIETPYSPGS RVILYTAFSF GSLLAVFGNL LVMTSVLHFK</p> <p>QLHSPTNFLI ASLACADFLV GVTVMLFSMV RTVESCWYFG AKFCTLHSCC DVAFCYSSVL</p> <p>HLCFICIDRY IVTDPVLVYA TKFTVSVSGI CISVSWILPL TYSGAVFYTG VNDDGLEELV</p> <p>SALNCVGGCQ IIVSQGWVLI DFLLFFIPTL VMILYSKIF LIAKQQAII ETSSKVESS SESYKIRVAK</p> <p>RERKAAKTLG VTVLAFVISW LPYTVDILID AFMGFLTPAY IYEICWSAY YNSAMNPLIY</p> <p>ALFYPWFRKA IKLILSGDVL KASSSTISLF LE 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>
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, Western Blot
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Grade:	custom-made
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Target Details

Target:	Trace Amine Associated Receptor 8 (TAAR8)
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Alternative Name:	TAAR8 (TAAR8 Products)
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Background:	Trace amine-associated receptor 8 (TaR-8) (Trace amine receptor 8) (G-protein coupled receptor 102) (Trace amine receptor 5) (TaR-5),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.
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Molecular Weight:	38.0 kDa
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UniProt:	Q969N4
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
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Application Details

	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