

Datasheet for ABIN7596960

Trace Amine Associated Receptor 8 (TAAR8) protein (DYKDDDDK Tag, Strep Tag)



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Overview

Quantity:	10 µg
Target:	Trace Amine Associated Receptor 8 (TAAR8)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	DYKDDDDK Tag, Strep Tag
Application:	ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human TAAR8-Strep full length protein-synthetic nanodisc
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Target Details

Target:	Trace Amine Associated Receptor 8 (TAAR8)
Alternative Name:	TAAR8 (TAAR8 Products)
Background:	GPR102, TA5, TAR5, TRAR5, TaR-5, TaR-8 This gene is part of the trace amine receptor cluster on chromosome 6 and encodes an orphan G-protein coupled receptor. Upregulated expression of this gene in astroglial cells upon exposure to lipopolysaccharides suggests a function for the encoded protein in the brain. [provided by RefSeq, Jul 2016]
Molecular Weight:	The human full length TAAR8-Strep protein has a MW of 38 kDa

Target Details

UniProt: [Q969N4](#)

Application Details

Comment:	Advantages:
	• Highly purified membrane proteins • High solubility in aqueous solutions • High stability • Proteins are in a native membrane environment and remain biologically active • No detergent and can be used for cell-based assays • No MSP backbone proteins • Mammalian cell expression system ensures post- translational modifications

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months