

Datasheet for ABIN7558198

TAS2R13 Protein (AA 1-305) (His tag)



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Overview

Quantity:	1 mg
Target:	TAS2R13
Protein Characteristics:	AA 1-305
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAS2R13 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Tas2r13 Protein expressed in mammalien cells.
Sequence:	<p>MGSNVYGILT MVMIAEFVFG NMSNGFIVLI NCIDWVRKGT LSSIGWILLF LAISRMVLIW EMLITWIKYM KYSFSFVTGT ELRGIMFTWV ISNHFSWLWA TILSIFYLLK IASFSKPVFL YLKWREKKVL LIVLLGNLIF LMLNILQINK HIEHWMYQYE RNITWSSRVS DFAGFSNLVL LEMIVFSVTP FTVALVSFIL LIFSLWKHLQ KMHLNSRGER DPSTKAHVNA LRIMVSFLLL YATYFISFFL SLIPMAHKTR LGLMFSITVG LFYPSSHFI LILGHSNLRQ ASLWVMTYLK CGQKH</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>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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
Grade:	custom-made

Target Details

Target:	TAS2R13
Alternative Name:	Tas2r13 (TAS2R13 Products)
Background:	Taste receptor type 2 member 13 (T2R13) (Taste receptor type 2 member 121) (T2R121) (mT2R48),FUNCTION: Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5 (By similarity). {ECO:0000250 UniProtKB:Q9N9V9}.
Molecular Weight:	35.5 kDa
UniProt:	Q7M720

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 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