

Datasheet for ABIN7544107

TAS2R7 Protein (AA 1-318) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TAS2R7
Protein Characteristics:	AA 1-318
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAS2R7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TAS2R7 Protein expressed in mammalian cells.
Sequence:	<p>MADKVQTTLL FLAVGEFSVG ILGNAFIGLV NCMDWVKKRK IASIDLILTS LAISRICLLC VILLDCFILV LYPDVYATGK EMRIIDFFWT LTNHLSIWFA TCLSIYYFFK IGNTFFHPLFL WMKWRIDRVI SWILLGCVVL SVFISLPATE NLNADFRFCV KAKRKTNLTW SCRNVKTQHA STKLFLNLAT LLPFCVCLMS FFLILSLRR HIRRMQLSAT GCRDPSTEAH VRALKAVISF LLLFIAYYLS FLIATSSYFM PETELAVIFG ESIALIYPSS HSFILILGNN KLRHASLKVI WKVMSILKGR KFQQHKQI</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:	TAS2R7
Alternative Name:	TAS2R7 (TAS2R7 Products)
Background:	Taste receptor type 2 member 7 (T2R7) (Taste receptor family B member 4) (TRB4),FUNCTION: Gustducin-coupled receptor implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5.
Molecular Weight:	36.6 kDa
UniProt:	Q9NYW3

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