

Product datasheet

Recombinant Human TAS2R49 protein ab166093

1 Image

Overview

Product name	Recombinant Human TAS2R49 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MMSFLHMVFSILVVVAFILGNFANGFIALINFIWVVKRQKI SSADQIAA LAVSRVGLLWVILLHWYSTVLNPTSSNLKVIFISNAWAV TNHFSWLAT SLSIFYLLKVNFSRLIFHHLKRKAKSVVLVIMLGSLLFLIC QLVMKNTY INVWTEECEGNVTWKIKLRNAMHLSNLTVAMLANLIPFT LTLISFLLLY SLCKHLKMKQLHGKGSQDPSTKIHKALQTVTSFLVLL AYFLCLIISFW NSKMLPKEMLMQCQAFGIYPSFHSFILWGNKTLKQTF LSVLWQVTCW AKGQNQSTP</p>
Amino acids	1 to 309
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab166093** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

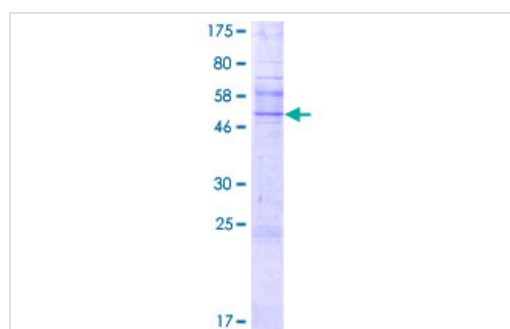
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

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.
Tissue specificity	Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.
Sequence similarities	Belongs to the G-protein coupled receptor T2R family.
Cellular localization	Membrane.

Images



ab166093 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human TAS2R49 protein
(ab166093)

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