abcam

Product datasheet

Recombinant Human TAS2R45 protein ab166092

1 Image

Description

Product name	Recombinant Human TAS2R45 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MITFLPIIFSILVVVTFVIGNFANGFIALVNSTEWVKRQKISFA DQIVTA LAVSRVGLLWVLLLNWYSTVLNPAFYSVELRTTAYNIWAVT GHFSNWPAT SLSIFYLLKIANFSNLIFLRLKRRVKSVILVVLLGPLLFLACHL FVVNMN QIVWTKEYEGNMTWKIKLRRAMYLSDTTVTMLANLVPFTVT LISFLLLVC SLCKHLKKMQLHGKGSQDPSTKVHIKVLQTVISFFLLRAIY FVSVIISVW SFKNLENKPVFMFCQAIGFSCSSAHPFILIWGNKKLKQTYL SVLWQMRY
Amino acids	1 to 299
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab166092** 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	

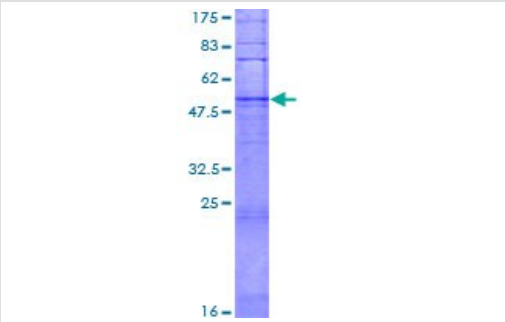
Preparation and Storage

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

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



SDS-PAGE - Recombinant Human TAS2R45 protein (ab166092)

ab166092 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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