

Product datasheet

Recombinant Human GPCR TGR7 protein ab165111

1 Image

Description

Product name	Recombinant Human GPCR TGR7 protein	
Expression system	Wheat germ	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MNQTLNSSGTVESALNYSRGSTVHTAYLVLSSLAMFTCLC GMAGNSMVIW LLGFRMHRNPFCMLNLAADLLFLFSMASTLSLETQPLVN TTDKVEL MKRLMYFAYTVGLSLLTAISTQRCLSVLFPWFKCHRPRHL SAWVCGLLW TLCLLMNGLTSSFCCKFLKFNEDRCFRVDMVQAALIMGVL TPVMTLSSLT LFVWVRRSSQQWRRQPTRLFVVVLASVLVFLICSLPLSIY WFVLYWLSLP PEMQVLCFSLSRSSSVSSANPVIYFLVGSRRSHRLPTR SLGTVLQQAL REEPELEGGETPTVGTNEMGA	
Amino acids	1 to 321	
Tags	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab165111** in the following tested applications.

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

Applications	ELISA
	Western blot
Form	Liquid

Additional notes

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

General Info

Function

May regulate nociceptor function and/or development, including the sensation or modulation of pain. Functions as a specific membrane receptor for beta-alanine. Beta-alanine at micromolar doses specifically evoked Ca(2+) influx in cells expressing the receptor. Beta-alanine decreases forskolin-stimulated cAMP production in cells expressing the receptor, suggesting that the receptor couples with G-protein G(q) and G(i).

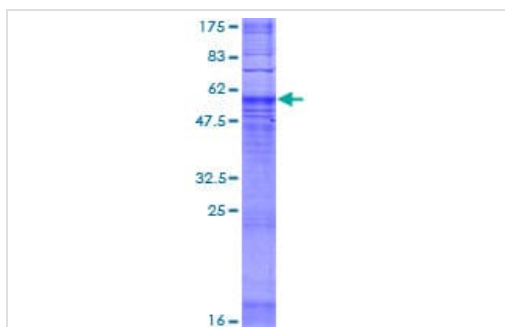
Sequence similarities

Belongs to the G-protein coupled receptor 1 family. Mas subfamily.

Cellular localization

Cell membrane. Localized at the plasma membrane but internalized into the cytoplasm after treatment with beta-alanine.

Images



ab165111 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human GPCR TGR7
protein (ab165111)

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

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