abcam

Product datasheet

Recombinant Human mGluR1 protein ab114707

1 Image

Description

Product name	Recombinant Human mGluR1 protein
Expression system	Wheat germ
Accession	Q13255
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	NPNFKRICTGNESLEENYVQDSKMGFVINAIYAMAHGLQN MHHALCPGHV GLCDAMKPIDGSKLLDFLIKSSFIGVSGEEVWFDEKGDAP GRYDIMNLQY
Predicted molecular weight	37 kDa including tags
Amino acids	387 to 486
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab114707** in the following tested applications.

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

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	This product was previously labelled as Metabotropic Glutamate Receptor 1, Metabotropic Glutamate Receptor 1a.

Preparation and Storage

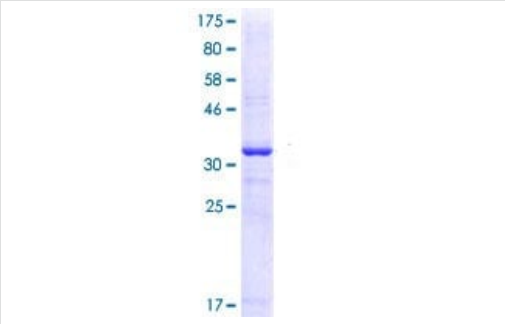
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles.

pH: 8.00
Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	Receptor for glutamate. The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system. May participate in the central action of glutamate in the CNS, such as long-term potentiation in the hippocampus and long-term depression in the cerebellum.
Sequence similarities	Belongs to the G-protein coupled receptor 3 family.
Cellular localization	Cell membrane.

Images



SDS-PAGE - Recombinant Human mGluR1 protein (ab114707)

12.5% SDS-PAGE showing ab114707 at approximately 36.63 kDa stained with Coomassie Blue.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

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