

Product datasheet

Recombinant Human GPCR GPR39 protein ab152435

[1 Image](#)

Description

Product name	Recombinant Human GPCR GPR39 protein	
Expression system	Wheat germ	
Accession	<u>O43194</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MASPSLPGSDCSQIIDHSHVPEFEVATWIKITLILVYLIIFVM GLLGNSA TIRVTQVLQKKGYLQKEVTDHMOVSLACSDILVFLIGMPMEF YSIWNPLT TSSYTLCKLHTFLFEACSYATLLHVLTLSEFYAICHPRFY KAVSGPC QVKLLIGFVWVTSALVALPLLFAMGTEYPLVNVPSHRGLT CNRSSSTRHHE QPETSNMISICTNLSSRWTVFQSSIFGAFVVYLVVLLSVAF MCWNMMQVLM KSQKGLAGGTRPPQLRKSESEESRTARRQTIIFLRIMVTL AVCWMPNQ IRRIMAAAKPKHDWTRSYFRAYMILLPFSEFFYLSSVINPL LYTVSSQQ FRRVFVQVLCRSLQHANHEKRLRVHAHSTTDSARFVQ RPLLFASRRQS SARRTEKIFLSTFQSEAEPSKSKSLSLESLEPNNGAKPA NSAAENGFQE HEV</p>	
Predicted molecular weight	78 kDa including tags	
Amino acids	1 to 453	
Tags	GST tag N-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab152435** 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	

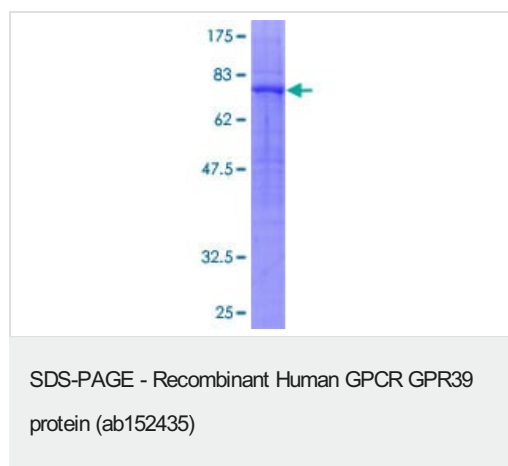
Preparation and Storage

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	Zn(2+) acts as a agonist. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Its effect is mediated mainly through G(q)-alpha and G(12)/G(13) proteins. Involved in regulation of body weight, gastrointestinal mobility, hormone secretion and cell death.
Tissue specificity	Expressed in many tissues, including the stomach, intestine and hypothalamus.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Cellular localization	Cell membrane.

Images



12.5% SDS-PAGE analysis of ab152435 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

- Valid for 12 months from date of delivery
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