

Product datasheet

Recombinant Human MC2-R protein ab152516

1 Image

Description

Product name	Recombinant Human MC2-R protein
Expression system	Wheat germ
Accession	Q01718
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MKHIINSYENINNTARNNSDCPRVVLPEEIFFTISIVGVLE NLMLLAVF KNKNLQAPMYFFICSLAISDMLGSLYKILENIIILRNMGY LKPRGSFET TADDIIDSLFVLSLLGSIFLSLVIAADRYTIFHALRYHSVT MRRTVVV LTVWTFCTGTGITMVFSSHVPTVITFTSLFPLMLVFILC LYVHMFLLA RSHTRKISTLPRANMKGAILTILLGVFIFCWAPFVLHVL LMTFCPSNPY CACYMSLFQVNGMLIMCNAVIDPFYAFRSPELRDAFK KMIFCSRYW</p>
Predicted molecular weight	60 kDa including tags
Amino acids	1 to 297

Specifications

Our [Abpromise guarantee](#) covers the use of **ab152516** in the following tested applications.

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

Applications	<p>ELISA</p> <p>SDS-PAGE</p> <p>Western blot</p>
Form	Liquid
Additional notes	This product was previously labelled as MC2 receptor.

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 Receptor for ACTH. This receptor is mediated by G proteins (G(s)) which activate adenylate cyclase.

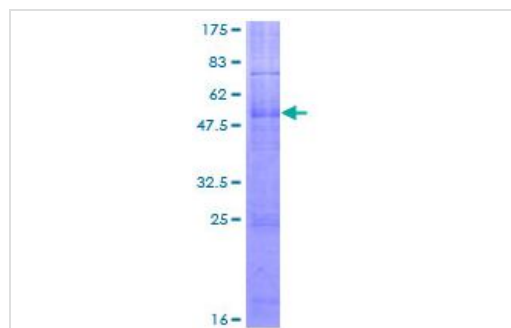
Tissue specificity Melanocytes and corticoadrenal tissue.

Involvement in disease Defects in MC2R are the cause of glucocorticoid deficiency type 1 (GCCD1) [MIM:202200]; also known as familial glucocorticoid deficiency type 1 (FGD1). GCCD1 is an autosomal recessive disorder due to congenital insensitivity or resistance to adrenocorticotropin (ACTH). It is characterized by progressive primary adrenal insufficiency, without mineralocorticoid deficiency.

Sequence similarities Belongs to the G-protein coupled receptor 1 family.

Cellular localization Cell membrane.

Images



12.5% SDS-PAGE analysis of ab152516 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human MC2-R protein
(ab152516)

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

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