

Product datasheet

Recombinant Human MC1-R protein ab152515

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Description

Product name	Recombinant Human MC1-R protein
Expression system	Wheat germ
Accession	<u>Q01726</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAVQGSQRRLGSLNSTPTAIPQLGLAANQTGARCLEVSI SDGLFLSLGL VSLVENALVVATIAKNRNLHSPMYCFICCLALSDLLVSGSN VLETAVILL LEAGALVARAAVLQQLDNVIDVITCSSMLSSL CFLGAI AVD RYISIFYAL RYHSTVTLPRARRAVAAIWVASVVFSTLFIAYYDHVAVLLC LVVFFLAML VLMAVLYVHMLARACQHAQGIARLHKRQRPVHQGFGLKG AVTLTILLGIF FLCWGPFFLHLTLVLCPEHPTCGCIFKNFNFLALICNAIID PLIYAF HSQELRRTLKEVLTCSW
Predicted molecular weight	61 kDa including tags
Amino acids	1 to 317

Specifications

Our **Abpromise guarantee** covers the use of **ab152515** 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 MC1 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 MSH (alpha, beta and gamma) and ACTH. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.

Tissue specificity

Melanocytes and corticoadrenal tissue.

Involvement in disease

Genetic variations in MC1R are a cause of susceptibility to cutaneous malignant melanoma type 5 (CMM5) [MIM:613099]. Malignant melanoma is a malignant neoplasm of melanocytes, arising de novo or from a pre-existing benign nevus, which occurs most often in the skin but also may involve other sites.

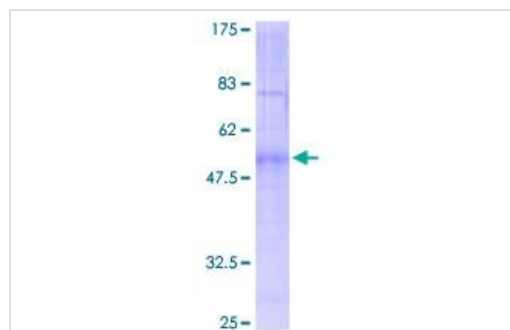
Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

Cellular localization

Cell membrane.

Images



12.5% SDS-PAGE analysis of ab152515 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human MC1-R protein
(ab152515)

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

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