abcam

Product datasheet

Recombinant Human CD20 protein ab158047

1 Image

Description

Product name	Recombinant Human CD20 protein
Expression system	Wheat germ
Accession	931
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MTTPRNSVNGTFPAEPMKGPIAMQSGPKPLFRRMSSL VGPTQSFFMRESK TLGAVQIMNGLFHIALGGLLMIPAGIYAPICVTVWYPLWG GIMYIISGSL LAATEKNSRKCLVKGKMIMNSLSLFAAISGMILSIMDILNI KISHFLKME SLNFIRAHTPYINIYNCEPANPSEKNSPSTQYCYSIQSLF LGILSVMLIF AFFQELVIAGIVENEWKRTCSRPKSNIVLLSAEEKKEQ TIEIKEEVVGLT ETSSQPKNEEDIEIIPIQEEEEEETETNFPEPPQDQESS PIENDSSP
Predicted molecular weight	58 kDa
Amino acids	1 to 297
Tags	GST tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of **ab158047** 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	Concentration of ab158047 is lot specific, the displayed concentration is for the available lots.

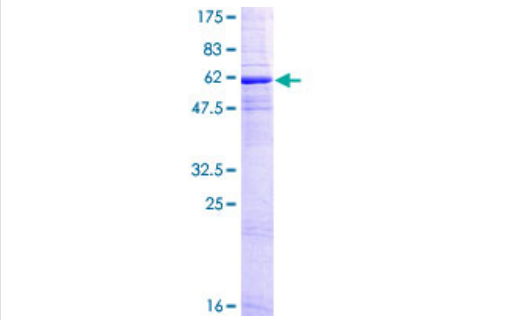
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	This protein may be involved in the regulation of B-cell activation and proliferation.
Tissue specificity	Expressed on B-cells.
Involvement in disease	Defects in MS4A1 are the cause of immunodeficiency common variable type 5 (CVID5) [MIM:613495]; also called antibody deficiency due to CD20 defect. CVID5 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.
Sequence similarities	Belongs to the MS4A family.
Post-translational modifications	Phosphorylated. Might be functionally regulated by protein kinase(s).
Cellular localization	Membrane.

Images



SDS-PAGE - Recombinant Human CD20 protein (ab158047)

ab158047 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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- Replacement or refund for products not performing as stated on the datasheet
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- 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

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