abcam

Product datasheet

Recombinant Human CD84 protein (denatured) ab134538

1 Image

Description

Product name	Recombinant Human CD84 protein (denatured)
Purity	> 80 % SDS-PAGE.
Expression system	Escherichia coli
Accession	Q9UIB8
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMKDSEIFTVNGILGE SVTFPVNIQEP RQVKIIAWTSKTSVAYVTPGDSETAPVVTVTHRNYYERIHAL GPNYNLVI SDLRMEDAGDYKADINTQADPYTTTKRYNLQIYRRLGKPKIT QSLMASVN STCNVTLTCSVEKEEKNVTYNWSPLGEEGNVLQIFQTPED QELTYTCTAQ NPVSNNSDSISARQLCADIAMGFRTHHTG
Predicted molecular weight	25 kDa including tags
Amino acids	22 to 225
Tags	His tag N-Terminus
Description	Recombinant Human CD84 protein

Specifications

Our **Abpromise guarantee** covers the use of **ab134538** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

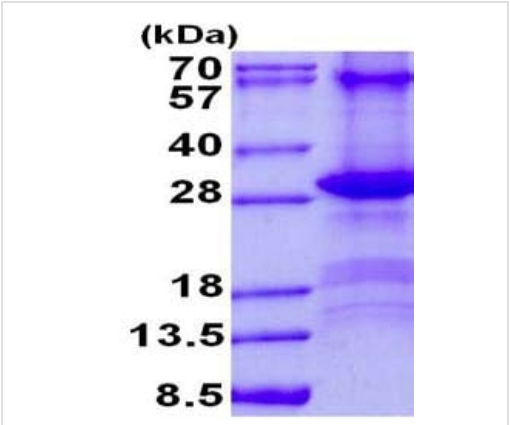
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function	Plays a role as adhesion receptor functioning by homophilic interactions and by clustering. Recruits SH2 domain-containing proteins SH2D1A/SAP. Increases proliferative responses of activated T-cells and SH2D1A/SAP does not seen be required for this process. Homophilic interactions enhance interferon gamma/IFNG secretion in lymphocytes and induce platelet stimulation via a SH2D1A/SAP-dependent pathway. May serve as a marker for hematopoietic progenitor cells.
Tissue specificity	Predominantly expressed in hematopoietic tissues, such as lymph node, spleen and peripheral leukocytes. Expressed in macrophages, B-cells, monocytes, platelets, thymocytes, T-cells and dendritic cells. Highly expressed in memory T-cells.
Sequence similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Developmental stage	Expression is slightly increased in naive B-cells after the first dividion. By contrast, expression on memory B-cells decreased with each successive division.
Domain	ITSM (immunoreceptor tyrosine-based switch motif) motif is a cytoplasmic motif which may bind SH2D1A.
Post-translational modifications	Phosphorylated by tyrosine-protein kinase LCK on tyrosine residues following ligation induced by agonist monoclonal antibody. The association with SH2D1A/SAP is dependent of tyrosines phosphorylation of its cytoplasmic domain Phosphorylated on Tyr-296 and Tyr-316 following platelet aggregation. N-glycosylated.
Cellular localization	Cell membrane.

Images



SDS-PAGE - Recombinant Human CD84 protein (denatured) (ab134538)

15% SDS-PAGE analysis of 3 µg ab134538.

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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors