abcam

Product datasheet

Recombinant Human CD69 protein ab174004

1 Image

Description

Product name Recombinant Human CD69 protein

Purity > 95 % SDS-PAGE.

Endotoxin level < 1.000 Eu/μg
Expression system HEK 293 cells

Accession Q07108

Protein length Protein fragment

Animal free No

Nature Recombinant

Species Human

Sequence SVGQYNCPG QYTFSMPSDS HVSSCSEDWV

GYQRKCYFIS TVKRSWTSAQ NACSEHGATL AVIDSEKDMN FLKRYAGREE HWVGLKKEPG HPWKWSNGKE FNNWFNVTGS DKCVFLKNTE

VSSMECEKNL YWICNKPYK

Predicted molecular weight 17 kDa including tags

Amino acids 62 to 199

Tags His tag C-Terminus

Additional sequence information Extracellular domain.

Specifications

Our **Abpromise guarantee** covers the use of **ab174004** 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 Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at 4°C (stable for up to 12 months). Store at -20°C or -80°C. Avoid freeze /

thaw cycle.

pH: 7.40

Constituent: 100% PBS

5-10% trehalose is commonly used for freeze drying

Reconstitution Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

General Info

Function Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes,

natural killer (NK) cells, and platelets.

Tissue specificity Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils,

epidermal Langerhans cells and platelets.

Sequence similarities Contains 1 C-type lectin domain.

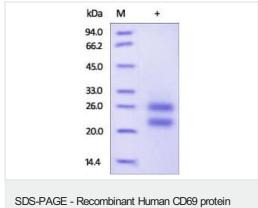
Developmental stage Earliest inducible cell surface glycoprotein acquired during lymphoid activation.

Post-translational modifications

Constitutive Ser/Thr phosphorylation in both mature thymocytes and activated T-lymphocytes.

Cellular localization Membrane.

Images



(ab174004)

Reduced SDS-PAGE analysis of ab174004 staining overnight with Coomassie Blue.

DTT-reduced Protein migrates as 23 kDa and 26 kDa due to different glycosylation.

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