

Product datasheet

Recombinant Human CD69 protein ab174004

1 Image

Description

Product name	Recombinant Human CD69 protein
Purity	> 92 % 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 HVSSCEDWV GYQRKCYFIS TVKRSWTS AQ NACSEHGATL AVIDSEKDMN FLKRYAGREE HWVGLKKEPG HPWKWSNGKE FNNWFNVTGS DKCVFLKNTE VSSMECEKNL YWICKPKYK
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.
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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.

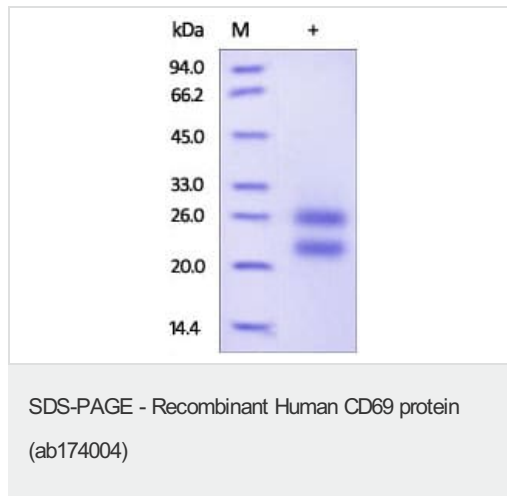
Post-translational modifications

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

Cellular localization

Membrane.

Images



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.

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