

Recombinant Human CD69 molecule protein, His&Avi tagged, Biotinylated

Cat. No. CD69-2225HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated recombinant Human CD69 molecule protein (62-199 aa) with His&Avi tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	62-199 aa
Description	This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets.
Conjugation/Label	Biotin
Form	Lyophilized
Molecular Mass	18 kDa
AA Sequence	SVGQYNCPGQYTFSMPSDSHVSSCEDWVG YQRKCYFISTVKRSWTS AQNACSE HGATLAVIDSEKDMNFLKRYAGREEHWVGLKKEPGHPWKWSNGKEFNNWFNVTG SDKCVFLKNTEVSSMECEKNLYWICNKPYPYKHHHHHGLNDIFEAQKIEWHE

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Endotoxin	< 1 EU/μg by LAL.
Purity	> 85 % by SDS-PAGE
Labelling Efficiency	1.78 by HABA
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 5 % Trehalose, 5 % Mannitol
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.46 mg/mL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CD69 CD69 molecule [Homo sapiens (human)]
Official Symbol	CD69
Synonyms	CD69; CD69 molecule; CD69 antigen (p60, early T cell activation antigen); early activation antigen CD69; CLEC2C; leukocyte surface antigen Leu-23; early T-cell activation antigen p60; early lymphocyte activation antigen; activation inducer molecule (AIM/CD69); C-type lectin domain family 2, member C; CD69 antigen (p60, early T-cell activation antigen); AIM; EA1; MLR-3; GP32/28; BL-AC/P26
Gene ID	969

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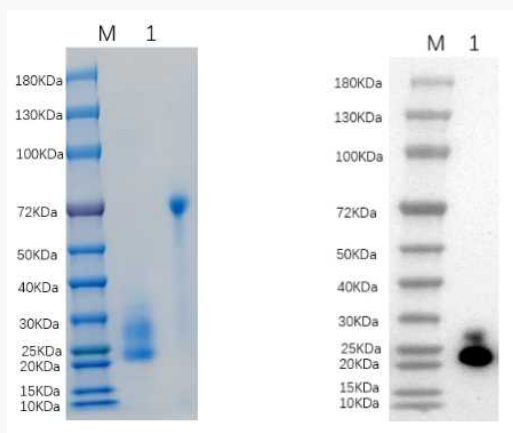
mRNA Refseq [NM_001781](#)

Protein Refseq [NP_001772](#)

MIM [107273](#)

UniProt ID [Q07108](#)

Reducing 12 % SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified CD69.



1. CD69
2. BSA

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