

Recombinant Human CD69 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CD69 protein(Q07108)(62-199aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	62-199aa
Tag	C-His
Form	Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CD69 at 2 µg/mL can bind Anti-CD69 recombinant antibody, the EC50 is 23.17-26.04 ng/mL.
Molecular Mass	18.7 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

SVGQYNCPGQYTFSMPSDSHVSSCEDWVG YQRKCYFISTVKRSWTS AQNACSE
 HGATLAVIDSEKDMNFLKRYAGREEHWWGLKKEPGHPWKWSNGKEFNNWFNVTG
 SDKCVFLKNTEVSSMECEKNLYWICNKPYK

GENE INFORMATION

Gene Name CD69 CD69 molecule [Homo sapiens]

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

mRNA Refseq NM_001781

Protein Refseq NP_001772

MIM 107273

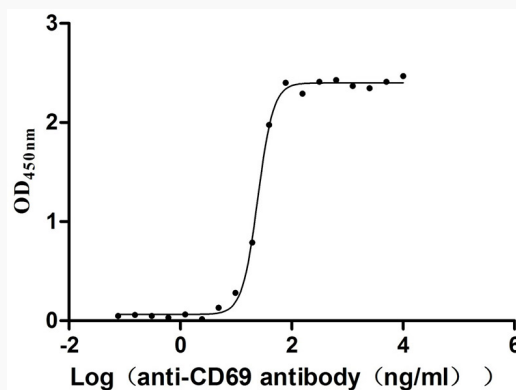
UniProt ID Q07108

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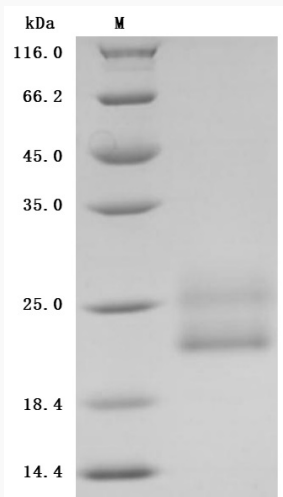
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Activity



SDS-PAGE



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