

## Recombinant Human CD69 protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD69 protein(Q07108)(62-199aa), fused with C-terminal His tag, was expressed in HEK293.                                                        |
| <b>Species</b>          | Human                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                           |
| <b>ProteinLength</b>    | 62-199aa                                                                                                                                                         |
| <b>Tag</b>              | C-His                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0                                                                              |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | 18.7 kDa                                                                                                                                                         |
| <b>Endotoxin</b>        | Less than 1.0 EU/ug as determined by LAL method.                                                                                                                 |
| <b>Purity</b>           | Greater than 95% as determined by SDS-PAGE.                                                                                                                      |
| <b>Storage</b>          | 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  
SDKCVFLKNTEVSSMECEKNLYWICNKP YK

## 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

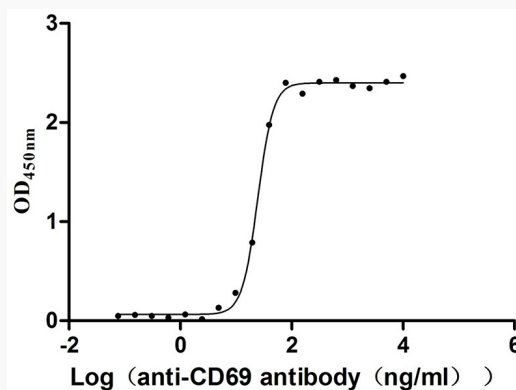
**UniProt ID** Q07108

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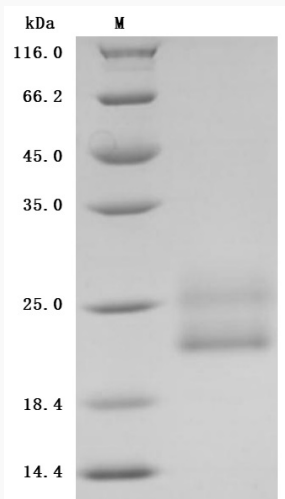
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## Activity



## SDS-PAGE



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