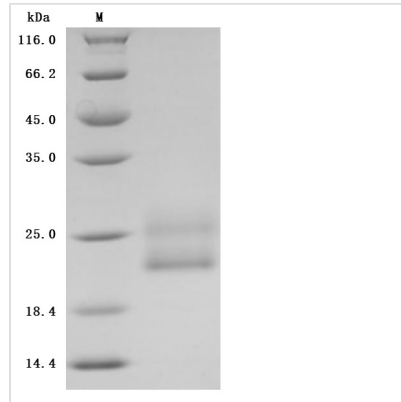


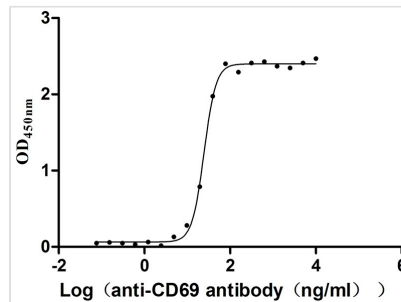


Recombinant Human Early activation antigen CD69 (CD69), partial (Active)

Product Code	CSB-MP004952HU
Abbreviation	Recombinant Human CD69 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q07108
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	①Measured by its binding ability in a functional ELISA. Immobilized Human CD69 at 2 µg/mL can bind Anti-CD69 recombinant antibody (CSB-RA004952MA1HU), the EC50 is 23.17-26.04 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	SVGQYNCPGQYTFSMPSDSHVSSCEDWVG YQRKCYFISTVKRSWTSQAQNA CSEHGATLAVIDSEKDMNFLKRYAGREEHWVGLKKEPGHPWKWSNGKEFNN WFNVTGSDKCVFLKNTEVSSMECEKNLYWICKPKPYK
Source	Mammalian cell
Target Names	CD69
Expression Region	62-199aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	18.7 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity
 Measured by its binding ability in a functional ELISA. Immobilized Human CD69 at 2µg/mL can bind Anti-CD69 recombinant antibody (CSB-RA004952MA1HU)? the EC₅₀ is 23.17-26.04 ng/mL.

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.