

Recombinant Human CD69 Protein, His-tagged

Cat. No. CD69-168H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CD69 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	199
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.
Form	Lyophilized
Molecular Mass	16.8 kDa
AA Sequence	MSENCFVAENSSLHPESGQENDATSPHFSTRHEGSFQVPVLCVAMNVPFITILIALI ALSVGQYNCPGQYTFSPSDSHVSSCEDWVG YQRKCYFISTVKRSWTS AQNACS EHGATLAVIDSEKDMNFLKRYAGREEHWVGLKKEPGHPWKWSNGKEFNNWFNVT GSDKCVFLKNTEVSSMECEKNLYWICKPKPYK
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

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
mRNA Refseq	NM_001781

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Protein Refseq	NP_001772
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MIM	107273
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UniProt ID	Q07108
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