

Recombinant Human CD69 Protein, C-His-tagged

Cat. No. CD69-205H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD69 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	CD69, also known as Leu-23, is a type II transmembrane glycoprotein that is expressed on the surface of T cells, B cells, and NK cells. This phosphorylated disulfide-linked 28 to 32-kDa homodimer is constitutively expressed on a subset of thymocytes and platelets. It also acts as an activation antigen of lymphocytes, NK cells, neutrophils, and eosinophils. Studies have shown that stimulation of the T cell receptor (TCR) increases the expression of CD69 on the cell surface. The ability to detect the level of CD69 expression after TCR activation makes CD69 an ideal indicator of T cell activation. The FN50 antibody is widely used as a marker for T cell activation.
Molecular Mass	~15 kDa
AA Sequence	SVGQYNCPGQYTFSMPSDSHVSSCEDWVG YQRKCYFISTVKRSWTS AQNACSE HGATLAVIDSEKDMNFLKRYAGREEHWVGLKKEPGHPWKWSNGKEFNNWFNV TG SDKCVFLKNTEVSSMECEKNLYWICNKP YK
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

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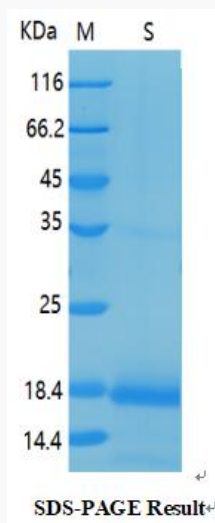
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4
GENE INFORMATION	
Gene Name	CD69 CD69 molecule [Homo sapiens (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
Protein Refseq	NP_001772
MIM	107273
UniProt ID	Q07108

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SDS-PAGE



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