

Recombinant Human CD69

Cat. No. CD69-27505TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 90-199 of Human CD69 with an N terminal proprietary tag; Predicted MWt 37.73 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
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.
Molecular Weight	37.730kDa inclusive of tags
Tissue specificity	Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	VG YQRKCYFISTVKRSWTS AQNACSEHGATL AVIDSEKDM NFLKRYAGREEHWVG LKKEPGHPWKWSNGKEFNNWFNVTG SDKCVFLKNTEVSSMECEKNLYWICKPKY K
Sequence Similarities	Contains 1 C-type lectin domain.

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;
Gene ID	969
mRNA Refseq	NM_001781
Protein Refseq	NP_001772
MIM	107273
Uniprot ID	Q07108
Chromosome Location	12p13

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Function

binding; sugar binding; transmembrane signaling receptor activity;

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