CD69 Protein, Human (HEK293, His)

Cat. No.:	HY-P72713
Synonyms:	Early activation antigen CD69; AIM; MLR-3; CD69; CLEC2C
Species:	Human
Source:	HEK293
Accession:	Q07108 (G64-K199)
Gene ID:	969
Molecular Weight:	18-28 kDa

PROPERTIES

AA Sequence	G Q Y N C P G Q Y T F S M P S D S H V S S C S E D W V G Y Q R K C Y F I S T V K R S W T S A Q N A C S E H G A T L A V I D S E K D M N F L K R Y A G R E E H W V G L K K E P G H P W K W S N G K E F N N W F N V T G S D K C V F L K N T E V S S M E C E K N L Y W I C N K P Y K
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The CD69 protein plays a pivotal role in lymphocyte proliferation, serving as a signal-transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets. Structurally, it forms homodimers linked by disulfide bonds, emphasizing its involvement in cellular signaling processes crucial for immune responses and platelet function.

Caution: Product has not been fully validated for medical applications. For research use only.

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