

CD69 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P700685
Synonyms:	CD69; CLEC2C; EA1; BL-AC/P26; AIM; BL-AC; P26; GP32; 28; MLR-3
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005570146.1 (S62-K199)
Gene ID:	102141561
Molecular Weight:	23-28 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
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.
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Caution: Product has not been fully validated for medical applications. For research use only.

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