CD6 Protein, Human (HEK293, His)

Cat. No.:	HY-P700684
Synonyms:	CD6; TP120; T12
Species:	Human
Source:	HEK293
Accession:	NP_006716.3 (H18-L402)
Gene ID:	923
Molecular Weight:	70-90 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
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.
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 CD6 protein is situated on the outer membrane of T-lymphocytes and various other immune cells. Featuring three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule, this protein plays a crucial role in sustaining T cell activation. Additionally, there is evidence suggesting an association between this gene and susceptibility to multiple sclerosis. Multiple transcript variants, encoding diverse isoforms, have been identified for this gene, with biased expression observed in lymph node, appendix, and nine other tissues.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA