

CLM9/CD300g Protein, Human (HEK293, Fc)

Cat. No.:	HY-P74247
Synonyms:	CMRF35-Like Molecule 9; CLM-9; TREM-4; CD300g; CD300LG
Species:	Human
Source:	HEK293
Accession:	Q6UXG3 (M1-R247)
Gene ID:	146894
Molecular Weight:	Approximately 70&34 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants 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	CLM9/CD300g protein, known as a receptor, is thought to be involved in mediating lymphocyte rolling that is dependent on L-selectin. This protein exhibits calcium-dependent binding to SELL (L-selectin ligand), suggesting its ability to interact with lymphocytes and potentially influence lymphocyte-related processes. The presence of CLM9/CD300g protein implies its significance in cellular adhesion and migration, particularly in the context of lymphocyte function. Further research is necessary to fully understand the precise mechanisms and functions of this protein, but its involvement in lymphocyte rolling and interaction underscores its potential importance in immune responses and lymphocyte-mediated processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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