

CLEC10A/CD301 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76266
Synonyms:	C-type lectin domain family 10 member A; CD301; CLEC10A; CLECSF13; CLECSF14; HML
Species:	Mouse
Source:	HEK293
Accession:	P49300 (Q57-S304)
Gene ID:	17312
Molecular Weight:	38-45 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 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.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/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	CLEC10A/CD301 Protein is a receptor that specifically recognizes terminal galactose and N-acetylgalactosamine units, suggesting its involvement in various biological processes. It may play a crucial role in facilitating the interaction between tumoricidal macrophages and tumor cells. Additionally, CLEC10A/CD301 Protein has been implicated in the recruitment of inflammatory monocytes to adipose tissue during diet-induced obesity. It forms homooligomers and interacts with SIGLEC1, potentially acting as a counter-receptor for CLEC10A/CD301 Protein in lymph nodes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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