

## CD302/CLEC13A Protein, Rat (HEK293, His)

Cat. No.:	HY-P76796
Synonyms:	CD302 antigen; C-type lectin domain family 13 member A; CD302; CLEC13A
Species:	Rat
Source:	HEK293
Accession:	Q5FVR3 (D21-H165)
Gene ID:	295629
Molecular Weight:	Approximately 18&22 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm 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/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> 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	CD302/CLEC13A Protein emerges as a potential multifunctional C-type lectin receptor, suggesting its versatile involvement in various cellular processes. The protein exhibits potential roles in endocytosis and phagocytosis, indicating its participation in cellular clearance mechanisms. Moreover, CD302/CLEC13A is implicated in cell adhesion and migration, hinting at its possible contributions to cellular interactions and tissue dynamics. The multifaceted nature of CD302/CLEC13A suggests its potential significance in orchestrating diverse cellular functions, prompting further investigation to elucidate the specific mechanisms and regulatory pathways through which it operates in different cellular contexts.
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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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA