Human CDCP1 (338-667) Protein

Cat. No. CDC-HM1D2

Description

Source	Recombinant Human CDCP1 (338-667) Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Gln338-Thr667.
Accession	Q9H5V8-1
Molecular Weight	The protein has a predicted MW of 38.6 kDa. Due to glycosylation, the protein migrates to 53-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 85% as determined by HPLC

Formulation and Storage

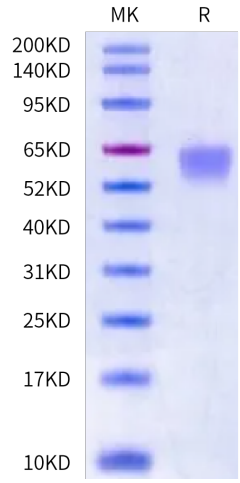
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, 8% trehalose (pH 7.4).
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Tumor metastasis depends on the dynamic regulation of cell adhesion through β1-integrin. The Cub-Domain Containing Protein-1, CDCP1, is a transmembrane glycoprotein which regulates cell adhesion. Overexpression and loss of CDCP1 have been observed in the same cancer types to promote metastatic progression.

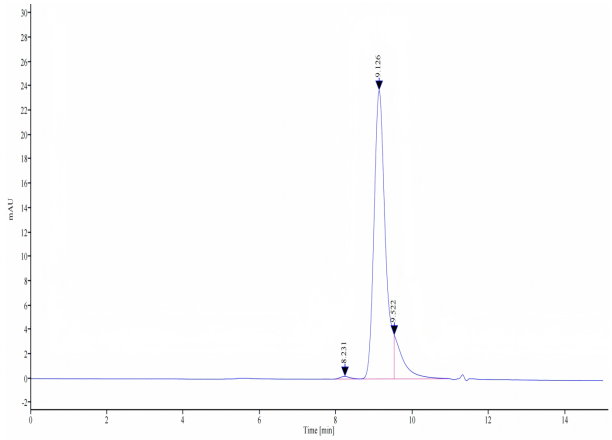
Assay Data

Bis-Tris PAGE



Human CDCP1 (338-667) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human CDCP1 (338-667) is greater than 85% as determined by SEC-HPLC.