

Cynomolgus CEACAM-6/CD66c Protein

Cat. No. CAM-CM406



Description

Source	Recombinant Cynomolgus CEACAM-6/CD66c Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gln35-Gly320.
Accession	XP_005589488.3
Molecular Weight	The protein has a predicted MW of 34.5 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1EU per µg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE >95% as determined by HPLC

Formulation and Storage

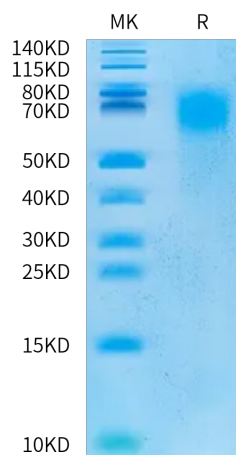
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Carcinoembryonic antigen-related cell adhesion molecule 6 (CEACAM6) belongs to the human carcinoembryonic antigen (CEA) family. Numerous lines of studies have indicated that altered expression of CEACAM6 may have a role in carcinogenesis and development.

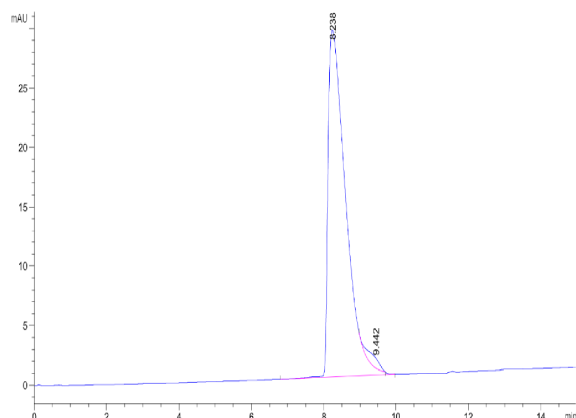
Assay Data

Bis-Tris PAGE



Cynomolgus CEACAM-6 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus CEACAM-6 is greater than 95% as determined by SEC-HPLC.