

Human CEACAM-6/CD66c Protein, Ultra Low Endotoxin



Cat. No. CAM-HM106-UL

Description

Source	Recombinant Human CEACAM-6/CD66c Protein is expressed from HEK293 with His tag at the C-terminus. It contains Lys35-Gly320.
Accession	P40199
Molecular Weight	The protein has a predicted MW of 32.86 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

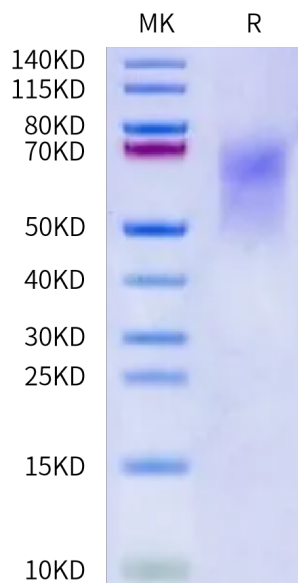
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 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

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

Assay Data

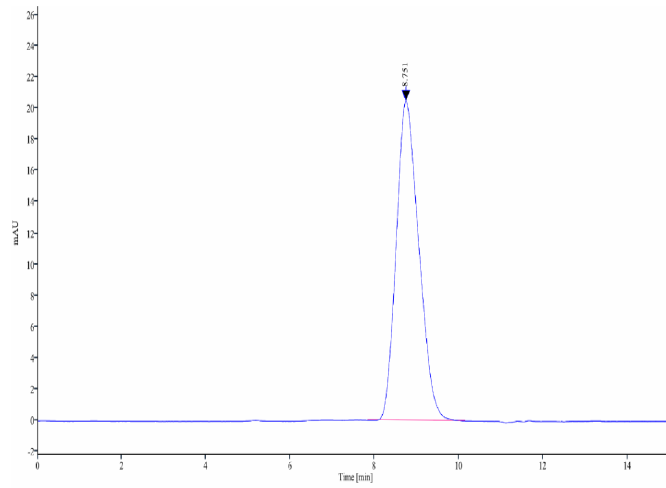
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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