

Datasheet for ABIN7274021

CEACAM6 Protein (AA 35-320) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	CEACAM6
Protein Characteristics:	AA 35-320
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM6 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus CEACAM-6/CD66c Protein
Sequence:	Gln35-Gly320
Characteristics:	Recombinant Cynomolgus CEACAM-6/CD66c Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln35-Gly320.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CEACAM6
Alternative Name:	CEACAM-6 (CEACAM6 Products)

Target Details

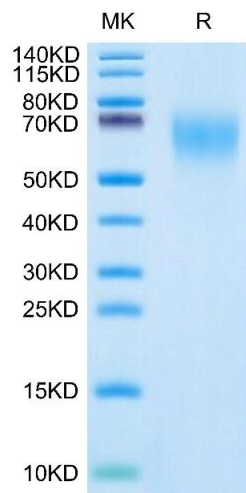
Background:	Carcinoembryonic antigen-related cell adhesion molecule 6 (CEACAM6) belongs to the human carcino-embryonic antigen (CEA) family. Numerous lines of studies have indicated that altered expression of CEACAM6 may have a role in carcinogenesis and development.
Molecular Weight:	32.73 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_014979566

Application Details

Restrictions:	For Research Use only
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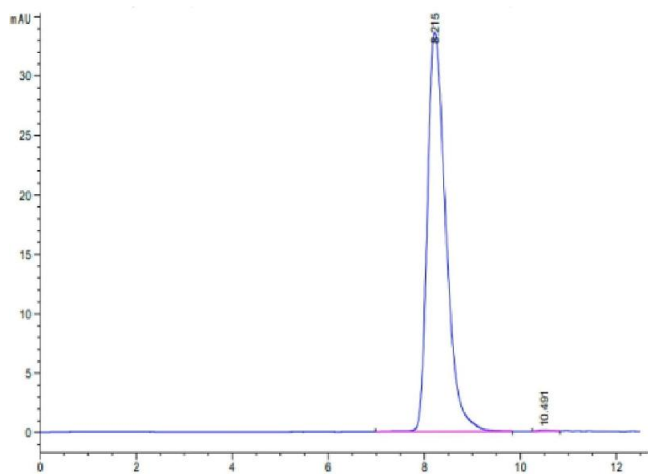
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Cynomolgus CEACAM-6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Cynomolgus CEACAM-6 is greater than 95 % as determined by SEC-HPLC.