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Datasheet for ABIN6964142
CEACAM6 Protein (His tag)

1 Image

Overview

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

Product Details

Purpose:	Recombinant human CEACAM6 protein with C-terminal 6xHis tag
Specificity:	CEACAM6 (Lys35-Gly320) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CEACAM6
Alternative Name:	CEACAM6 (CEACAM6 Products)
Background:	Synonyms: CEACAM6,CD66c,CEAL,NCA Description: This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface

Target Details

glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19.

Molecular Weight: predicted molecular mass of 32.1 kDa after removal of the signal peptide. The apparent molecular mass of CEACAM6-His is 35-55 kDa due to glycosylation.

UniProt: [P40199](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

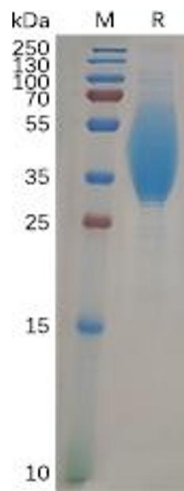
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human CEACAM6 Protein, His Tag on SDS-PAGE under reducing condition.