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Datasheet for ABIN7504289

CEACAM21 Protein (AA 35-155) (His tag)

Overview

Quantity:	100 µg
Target:	CEACAM21
Protein Characteristics:	AA 35-155
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM21 protein is labelled with His tag.

Product Details

Purpose:	Human CEACAM-3 Protein
Sequence:	Lys35-Gly155
Characteristics:	Recombinant Human CEACAM-3 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Lys35-Gly155.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CEACAM21
Alternative Name:	CEACAM-3 (CEACAM21 Products)

Target Details

Background: The human granulocyte-specific receptor carcinoembryonic antigen-related cell adhesion molecule (CEACAM)3 is critically involved in the opsonin-independent recognition of several bacterial pathogens. CEACAM3-mediated phagocytosis depends on the integrity of an ITAM-like sequence within the cytoplasmic domain of CEACAM3 and is characterized by rapid stimulation of the GTPase Rac.

Molecular Weight: 14.19 kDa. Due to glycosylation, the protein migrates to 17-27 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

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 0.22 µm 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