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Datasheet for ABIN7491119
CEACAM5 Protein (His tag)

Overview

Quantity:	100 µg
Target:	CEACAM5
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse CEACAM5 protein with C-terminal 6xHis tag
Specificity:	Mouse CEACAM5 (Gln35-Glu947) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CEACAM5
Alternative Name:	CEACAM5 (CEACAM5 Products)
Background:	<p>Pregnancy-specific glycoprotein 30, Psg30</p> <p>Description: Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression. Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6. Plays a role as</p>

Target Details

an oncogene by promoting tumor progression, induces resistance to anoikis of colorectal carcinoma cells.[UniProtKB/Swiss-Prot Function]

Molecular Weight: predicted molecular mass of 103.4kDa after removal of the signal peptide. The apparent molecular mass of mCEACAM5-His is 130-180 kDa due to glycosylation.

UniProt: [P06731](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

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