

PRODUCT INFORMATION

Target	CEACAM8
Synonyms	CD66b;CD67;CGM6;NCA-95
Description	Recombinant human CEACAM8 protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	P31997
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CEACAM8 (Y35-Asp320) hFc(Glu99-ALA330)
Molecular Weight	The protein has a predicted molecular mass of 56.98 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	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.
Background	Cell surface glycoprotein that plays a role in cell adhesion in a calcium-independent manner (PubMed:8776764, PubMed:2022629, PubMed:11590190). Mediates heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:8776764, PubMed:2022629, PubMed:11590190). Heterophilic interaction with CEACAM8 occurs in activated neutrophils (PubMed:8776764).
Usage	Research use only



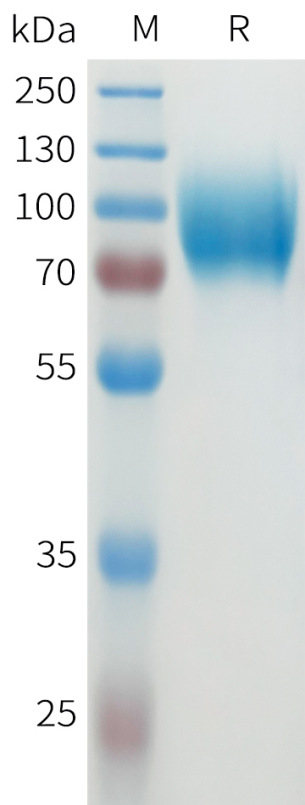


Figure 1. Human CEACAM8 Protein, hFc Tag on SDS-PAGE under reducing condition.

