

ARG70511
Human CD66c recombinant protein (His-tagged)Package: 100 µg
Store at: -20°C

Summary

Product Description	CHO expressed, His-tagged Human CD66c recombinant protein.
Tested Application	SDS-PAGE
Target Name	CD66c
Species	Human
A.A. Sequence	Met1-Gly320
Expression System	CHO
Alternate Names	CEACAM6; CEA Cell Adhesion Molecule 6; CD66c; NCA; Carcinoembryonic Antigen-Related Cell Adhesion Molecule 6 (Non-Specific Cross Reacting Antigen); Carcinoembryonic Antigen Related Cell Adhesion Molecule 6; Carcinoembryonic Antigen-Related Cell Adhesion Molecule 6; Normal Cross-Reacting Antigen; NCA-50/90; Non-Specific Crossreacting Antigen; Cluster Of Differentiation 66c; CD66c Antigen; CEAL

Properties

Form	Powder
Purification	>95% (by SDS-PAGE)
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in 4 mM HCl to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CEACAM6
Gene Full Name	CEA Cell Adhesion Molecule 6
Background	This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface 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. [provided by RefSeq, Apr 2014]
Function	Also involved in the metastatic cascade process by inducing gain resistance to anoikis of pancreatic adenocarcinoma and colorectal carcinoma cell. [UniProt]