

Bioactive

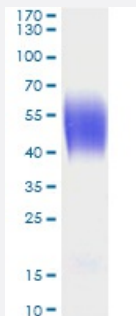
HuPro®

# CEACAM6 (Human) Recombinant Protein

Catalog # P6773

Size 100 ug

## Applications



CEACAM6 (Human) Recombinant Protein (Cat #P6773) was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-65 kDa.

## Result of activity analysis

Result of activity analysis

## Specification

<b>Product Description</b>	Human CEACAM6 (NP_002474.3, 35 a.a. - 320 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.
<b>Host</b>	Human
<b>Theoretical MW (kDa)</b>	45-65
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Mammalian cell (HEK293) expression system
<b>Purification</b>	Ni-sepharose purification
<b>Purity</b>	> 95% by SDS-PAGE

Endotoxin Level	< 0.1 EU/ug
Activity	Measured by the binding ability in a functional ELISA. Immobilized Recombinant Human CEACAM6 at 2 ug/mL (100 uL/well) can bind Recombinant Human CEACAM8 with a linear range of 0.1-0.4 ug/mL.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue CEACAM6 (Human) Recombinant Protein (Cat #P6773) was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-65 kDa.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.4.
Storage Instruction	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution to a concentration of 0.1-0.5 mg/mL in sterile distilled water, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

## Applications

- SDS-PAGE

## Gene Info — CEACAM6

Entrez GeneID	<a href="#">4680</a>
Protein Accession#	<a href="#">P40199</a>
Gene Name	CEACAM6
Gene Alias	CD66c, CEAL, NCA
Gene Description	carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)
Omim ID	<a href="#">163980</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

Carcinoembryonic antigen (CEA; MIM 114890) is one of the most widely used tumor markers in serum immunoassay determinations of carcinoma. An apparent lack of absolute cancer specificity for CEA probably results in part from the presence in normal and neoplastic tissues of antigens that share antigenic determinants with the 180-kD form of CEA (Barnett et al., 1988 [PubMed 3220478]). For background information on the CEA family of genes, see CEACAM1 (MIM 109770). [supplied by OMIM]

**Other Designations**

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**Disease**

- [Genetic Predisposition to Disease](#)
- [Meningococcal Infections](#)