

Recombinant Human CEACAM6 protein, His-Avi-tagged, Biotinylated

Cat. No. CEACAM6-335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CEACAM6 protein(P40199)(Lys35-Gly320), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys35-Gly320
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Human CEACAM-8, His Tag immobilized on CM5 Chip can bind Biotinylated Human CEACAM6, His-Avi Tag with an affinity constant of 3.81 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 34.1 kDa. Due to glycosylation, the protein migrates to 55-75 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CEACAM6 carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen) [Homo sapiens]
Official Symbol	CEACAM6
Synonyms	CEACAM6; carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen); NCA; carcinoembryonic antigen-related cell adhesion molecule 6; CD66c; normal cross-reacting antigen; non-specific crossreacting antigen; CEAL;
Gene ID	4680
mRNA Refseq	NM_002483
Protein Refseq	NP_002474
MIM	163980
UniProt ID	P40199

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