

Recombinant Human CEACAM5 protein, His-Avi-tagged, Biotinylated

Cat. No. CEACAM5-840HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CEACAM5/CD66e Protein is expressed from Expi293 with a His and Avi Tag at the C-terminal. It contains Lys35-Ala685.
Species	Human
Source	HEK293
ProteinLength	Lys35-Ala685
Description	Carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5) was identified as a metastatic driver. CEACAM5 overproduction enriched for an epithelial gene expression pattern and facilitated tumor outgrowth at metastatic sites. Tissues from patients with metastatic breast cancer confirmed elevated levels of CEACAM5 in lung metastases relative to breast tumors, and an inverse correlation between CEACAM5 and the mesenchymal marker vimentin was demonstrated.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 74.2 kDa. Due to glycosylation, the protein migrates to 115-180 KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.5 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

Conjugation Biotin

GENE INFORMATION

Gene Name CEACAM5

Official Symbol CEACAM5

Synonyms CEACAM-5, CD66e, CEA, Meconium antigen 100

Gene ID 1048

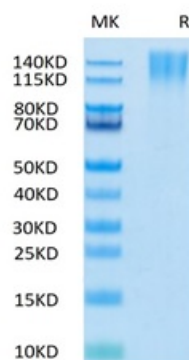
mRNA Refseq NM_001291484.3

Protein Refseq NP_001278413.1

MIM 114890

UniProt ID P06731

**Tris-Bis PAGE of
CEACAM5-840HB**

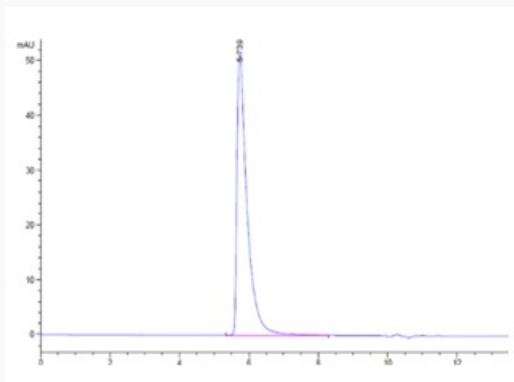


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**SEC-HPLC of
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