

# Recombinant Human CEACAM5/CD66e (145-322) Prptein

Catalog No.: RP00519LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	1048	P06731-1

### Tags

C-His

### Synonyms

CEACAM-5; CD66e; CEA;  
Carcinoembryonic; CEACD66e

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE > 95% by HPLC

### Endotoxin

< 1 EU/μg of the protein by LAL method

### Formulation

Supplied as 0.22 μm filtered solution in PBS (pH 7.4).

### Reconstitution

## Background

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.

## Basic Information

### Description

Recombinant Human CEACAM5/CD66e (145-322) Prptein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Pro145-Pro322) of Human CEACAM5/CD66e (145-322) (Accession #P06731-1) fused with a C-His tag at the C-terminus.

### Bio-Activity

### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Contact

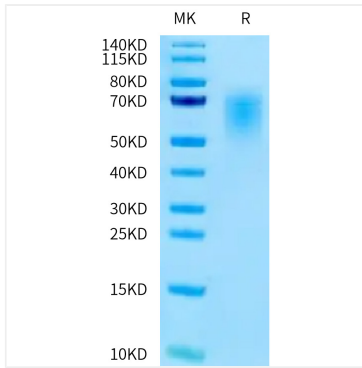
 | 400-999-6126

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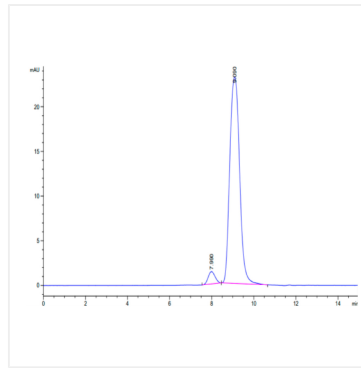
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## Validation Data

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Human CEACAM-5 (145-322) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human CEACAM-5 (145-322) is greater than 95% as determined by SEC-HPLC.