

# Recombinant Human CEACAM5/CEA/CD66e (501-685) Protein

RPCB0556



## Product Information

<b>Product SKU:</b>	RPCB0556	<b>Gene ID:</b>	1048	<b>Size:</b>	100µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Human		

## Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P06731-1
<b>Purity:</b>	> 95% by SDS-PAGE ; > 95% by HPLC		

## Protein Information

**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.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human CEACAM5/CEA/CD66e (501-685) Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method

**Formulation:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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