

Recombinant Human CEACAM5/CEA/CD66e (323-500) Protein

RPCB0643

Protein Information

Size:	100 µg	Tag:	C-His
Reactivity:	Human	Expressed Host:	HEK293 cells
Calculated MW:	20.73 kDa	Observed MW:	45-60 kDa

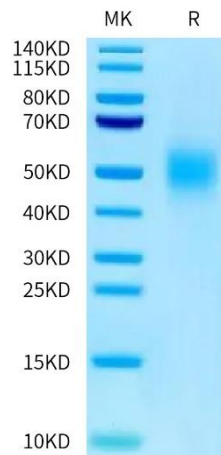
Background

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.

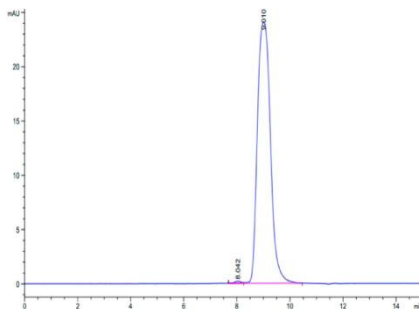
Properties

Synonyms:	CEACAM-5, CD66e, CEA, Carcinoembryonic, CEACD66e
Gene ID:	1048
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human CEACAM5/CEA/CD66e (323-500) Protein (RPCB0643), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.
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.

Validation Data



Recombinant Human CEACAM5/CEA/CD66e (323-500) Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human CEACAM-5 (323-500) is greater than 95% as determined by SEC-HPLC.