

## Product datasheet for **TP710040**

### CEACAM5 (NM\_004363) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5), residues 35-680, with C-terminal DDK tag, expressed in sf9 cells
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC206434, encoding the region (Lys35-Ser680) of human CEACAM5
Tag:	C-DDK
Predicted MW:	71 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_004354</a>
Locus ID:	1048
UniProt ID:	<a href="#">P06731</a> , <a href="#">A0A024R0K5</a>
RefSeq Size:	3516
Cytogenetics:	19q13.2
RefSeq ORF:	2106
Synonyms:	CD66e; CEA



[View online »](#)

**Summary:**

This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

**Product images:**