

Product datasheet for **TP723979**

CEACAM5 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human CEACAM5 Protein, His Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	CEACAM5[Lys35-Ala685]+6×His tag
Tag:	C-6×His
Predicted MW:	72.2 kDa
Concentration:	N/A
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	1048
UniProt ID:	P06731
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.



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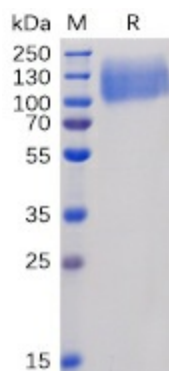
Product images:

Figure 1. Human CEACAM5 Protein, His Tag on SDS-PAGE under reducing condition.