

# Product datasheet for TP720376XL

# CEACAM3 (NM\_001815) Human Recombinant Protein

## **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carcinoembryonic antigen-related cell adhesion molecule 3 (CEACAM3)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Lys35-Gly155
Tag:	C-His
Predicted MW:	14.1 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu m$ filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per $\mu$ g protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 001806</u>
Locus ID:	1084
UniProt ID:	<u>P40198</u>
Cytogenetics:	19q13.2
Synonyms:	CD66D; CEA; CGM1; W264; W282



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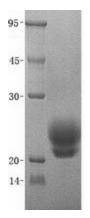
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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Summary:This gene encodes a member of the family of carcinoembryonic antigen-related cell adhesion<br/>molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host<br/>cells. The encoded transmembrane protein directs phagocytosis of several bacterial species<br/>that is dependent on the small GTPase Rac. It is thought to serve an important role in<br/>controlling human-specific pathogens by the innate immune system. Alternatively spliced<br/>transcript variants have been described. [provided by RefSeq, Mar 2013]

Protein Families: Transmembrane

## **Product images:**



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