

Product datasheet for **AR51719PU-N**

CD66d / CEACAM3 (35-155, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD66d / CEACAM3 (35-155, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSKLTIESM</u> PLSVAEGKEV LLLVHNLQHQ LFGYSWYKGE RVDGNSLIVG YVIGTQQATP GAAYSGRETI YTNASLLIQN VTQNDIGFYT LQVIKSDLVN EEATGQFHVY QENAPGLPVG AVAG
Tag:	His-tag
Predicted MW:	15.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffer saline (pH 7.4) containing 20% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CEACAM3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001264092</u>
Locus ID:	1084
UniProt ID:	<u>P40198</u>
Cytogenetics:	19q13.2
Synonyms:	CD66D; CEA; CGM1; W264; W282



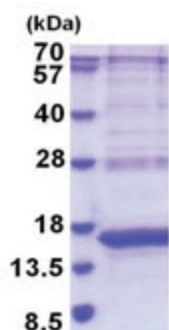
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Summary:

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

Protein Families:

Transmembrane

Product images:

15% SDS-PAGE (3ug)