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**Product Data Sheet**


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Product Name: CEACAM8 Human  
 Cat. No.: GP26247  
 Batch No.: 1

**Product Data**

|                     |                                                                                                                                                                                                                                                                                                                                                  |                    |                         |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|
| Purity              | >98%                                                                                                                                                                                                                                                                                                                                             | Source             | Sf9, Baculovirus cells. |
| Physical Appearance | solid                                                                                                                                                                                                                                                                                                                                            | Shipping Condition | withIcePacks            |
| Synonyms            | Carcinoembryonic antigen-related cell adhesion molecule 8, CD67 antigen, Carcinoembryonic antigen CGM6, Non-specific cross-reacting antigen NCA-95, CD66b, CGM6, CD67, NCA-95, CEACAM8                                                                                                                                                           |                    |                         |
| Amino Acid Sequence | QLTIEAVPSN AAEGKEVLLL VHNLPQDPRG YNWYKGETVD ANRRIIGYVI<br>SNQQITPGPA YSNRETIYPN ASLLMRNVTR NDTGSYTLQV IKLNLMSSEEV<br>TGQFSVHPET PKPSSISNNS NPVEDKDAVA FTCEPETQNT TYLWWVNGQS<br>LPVSPRLQLS NGNRTLILLS VTRNDVGPYE CEIQNPASAN FSDPVTNLNL<br>YGPDAPTISP SDTYHAGVN LNLSCHAASN PPSQYSWSVN GTFQQYTQKL<br>FIPNITTKNS GSYACHTTNS ATGRNRTTVR MITVSDHHHH HH |                    |                         |
| Formulation         | The CEACAM8 solution (1mg/1ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.                                                                                                                                                                                                                                                     |                    |                         |

**Introduction**

Carcinoembryonic Antigen-Related Cell Adhesion Molecule 8 (CEACAM8) is a cell surface glycoprotein which takes part in cell adhesion in a calciumindependent manner.CEACAM8mediates heterophilic cell adhesion with other carcinoembryonic antigen-related celladhesion molecules (CEACAM6 for example).CEACAM8main role is cell migration,cell adhesion, and pathogen binding.CEACAM-8 isexpressed mainly on the surface of human peripheral blood eosinophils isolated from healthy individuals andused as granulocyte marker.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

CEACAM8 Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 292 amino acids (35-320 a.a) and having a molecular mass of 32.3kDa. CEACAM8 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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