9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CEACAM1 Human

Carcinoembryonic Antigen-Related Cell Adhesion Molecule 1 Human Recombinant RCP0377

Product Overview

Name	CEACAM1 Human
Description	
Carcinoembryonic Antigen-Related Cell Adhesion Molecule 1 Human Recombinant	
Accession (Primary)	P13688
Synonyms	
Carcinoembryonic Antigen Related Cell Adhesion Molecule 1, Carcinoembryonic Antigen-Related Cell Adhesion Molecule 1 (Biliary Glycoprotein), CD66a Antigen, BGP1, BGP, Biliary Glycoprotein 1, Antigen CD66, BGP-1, BGPI.	
Introduction	
Carcinoembryonic Antigen-Related Cell Adhesion Molecule 1 (CEACAM1) belongs to the carcinoembryonic antigen (CEA) gene family which is a part of the immunoglobulin superfamily. CEACAM1 is a cell adhesion protein which mediates homophilic cell adhesion in a calcium-independent way. CEACAM1 is a surface glycoprotein expressed on various blood cells, epithelial cells, and vascular cells. CEACAM1 functions as coinhibitory receptor in immune response, and plays a role also as an activator during angiogenesis.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CEACAM1protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADPEF QLTTE SMPFNVAEGK EVLLLVHNLP QQLFGYSWYK GERVDGNRQI VGYAIGTQQA TPGPANSGRE TIYPNASLLI QNVTQNDTGF YTLQVIKSDL VNEEATGQFH VYPELPKPSI SSNNSNPVED KDAVAFTCEP ETQDTTYLWW INNQSLPVSP RLQLSNGNRT LTLLSVTRND TGPYECEIQN PVSANRSDPV TLNVTYGPDT	

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PTISPSDTYY RPGANLSLSC YAASNPPAQY SWLINGTFQQ STQELFIPNI TVNNSGSYTC HANNSVTGCN RTTVKTIIVT ELSPVVAKPQ IKASKTTVTG DKDSVNLTCS TNDTGISIRW FFKNQSLPSS ERMKLSQGNT TLSINPVKRE DAGTYWCEVF NPISKNQSDP IMLNVNYNAL PQENGLSPG H HHHHH .

Precautions

CEACAM1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P13688)