

Recombinant Human CEACAM1 Protein

Catalog #	Source	Reactivity	Applications
CRP1281	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CEACAM1 Protein is produced by our Mammalian expression system and the target gene encoding Gln35-Gly428 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Gene Symbol CEACAM1

Alternative Names BGP; BGP1; Carcinoembryonic antigen-related cell adhesion molecule 1; Biliary glycoprotein 1; BGP-1; CD66a

Entrez Gene 634 (Human)

SwissProt P13688 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure QLTTESMPFN VAEGKEVLLL VHNLPQQLFG YSWYKGERVD GNRQIVGYAI GTQQATPGPA NSGRETIYPN ASLLIQNVTQ NDTGFYTLQV IKSDLVNEEA TGQFHVYPEL PKPSSSNNNS NPVEDKDAVA FTCEPETQDT TYLWWINNQS LPVSPRLQLS NGNRTLTLSS VTRNDTGPYE CEIQNPVSAN RSDPVTLNVT YGPDTPPTISP SDTYRPGAN LSLSCYAASN PPAQYSWLIN GTFQQSTQEL FIPNITVNNS GSYTCHANNNS VTGCNRTTVK TIIVTELSPV VAKPQIKASK TTVTGDKDSV NLTCSTNDTG ISIRWFFKNQ SLPSSERMKL SQGNTTSLIN PVKREDAGTY WCEVFNPI SK NQSDPIMLNV NYNALPQENG LSPGVDHHHH HH

Quality Control Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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