

Product datasheet

Recombinant Human CEACAM1 protein (BSA and azide free) ab174042

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Overview

Product name	Recombinant Human CEACAM1 protein (BSA and azide free)
Protein length	Protein fragment

Description

Nature	Recombinant
Source	HEK 293 cells
Amino Acid Sequence	
Accession	P13688-10
Species	Human
Sequence	<p>QLTTESMPFNVAEGKEVLLL VHNLPQQLFGYSWYKGE RVDGNRQIVGYAI GTQQATPGPANSGRETIYPNASLLIQNVTQNDTGFYTLQ VIKSDLVNEEA TGQFHVYPELPKPSISSNNSNPVEDKDAVAFTCEPET QDTTYLWWINNQS LPVSPRLQLSNGNRTL TLLSVTRNDTGPYECEIQNPVS ANRSDPVTLNVT YGPDTP TISP SDTYRPGANLSLSCYAASNPPAQYSWL INGTFQQSTQEL FIPNITVNNSGSYTCHANN SVTGCNRTTVKTIIVTELSPV VAKPQIKASK TTVTGDKDSVNLTCSTNDTGISIRWFFKNQSLPSSERM KLSQGNTTLSIN PVKREDAGTYWCEVFNPI SKNQSDPIMLNVNYNALPQ ENGLSPG</p>
Molecular weight	44 kDa including tags
Amino acids	35 to 428
Tags	His tag C-Terminus
Additional sequence information	(AAH14473)

Specifications

Our [Abpromise guarantee](#) covers the use of **ab174042** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Endotoxin level	< 1.000 Eu/μg
Purity	> 92 % SDS-PAGE.
Form	Lyophilised
Additional notes	Lyophilized from 0.22 μm filtered solution.

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at 4°C prior to reconstitution. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Information available upon request.

Reconstitution It is recommended to reconstitute the lyophilized protein in 100 μl sterile deionized water to a final concentration of 1 mg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% HSA or BSA) is strongly recommended for further dilution and long term storage. After reconstitution store under sterile conditions for 1 month at 4°C - 8°C or 3 months at -20°C to -80°C.

General Info

Sequence similarities Belongs to the immunoglobulin superfamily. CEA family.
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization Secreted; Cell membrane and Cell membrane. Localizes to sites of cell-cell contact.

Images



SDS-PAGE analysis of CECAM1 in reducing conditions. Gel stained overnight with Coomassie Blue. Protein migrates as 60-130 kDa due to different glycosylation.

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