



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CEACAM1 (Human) Recombinant Protein (P02)

**Catalog Number:** H00000634-P02

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CEACAM1 full-length ORF ( NP\_001020083.1, 1 a.a. - 464 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGHLSAPLHRVRVPWQGLLLTASLLTFWNPPTTAQLT  
TESMPFNVAEGKEVLLL VHNL PQQLFGYSWYKGERV  
DGNRQIVGYAIGTQQATPGPANSGRETIYPNASLLIQN  
VTQNDTGFYTLQVIKSDLVNEEATGQFHVYPELPKPSI  
SSNNSNPVEDKDAVAFTCEPETQDTTYLWWINNQLSP  
VSPRLQLSNGNRTL TLLSVTRNDTGPYECEIQNPVSAN  
RSDPVTLNVTYGPDTPTISPSTYYRPGANLSLSCYAA  
SNPPAQYSWLINGTFQQSTQELFIPNITVNNSGSYTCH  
ANNSVTGCNRTTVKTIIVTELSPVVAKPQIKASKTTVTG  
DKDSVNLTCSTNDTGISIRWFFKNQSLPSSERMKLSQ  
GNTTSLINPVKREDAGTYWCEVFNPISKNQSDPIMLNV  
NYNALPQENGLSPGAIAGIVIGVVALVALIAVALACFLHF  
GKTGSSGPLQ

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 76.9

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 634

**Gene Symbol:** CEACAM1

**Gene Alias:** BGP, BGP1, BGPI

**Gene Summary:** This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family, the CEA cell adhesion molecules and the pregnancy-specific glycoproteins, are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses. Multiple transcript variants encoding different isoforms have been reported, but the full-length nature of only two has been determined. [provided by RefSeq]