

Active Recombinant Human CEACAM1 protein, His-tagged, Low Endotoxin

Cat. No. CEACAM1-662H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEACAM1 protein(P13688-1)(Gln35-Gly428), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	35-428 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CEACAM-1 at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CEACAM-1 Antibody, hFc Tag with the EC50 of 3.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 44.4 kDa. Due to glycosylation, the protein migrates to 68-115 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

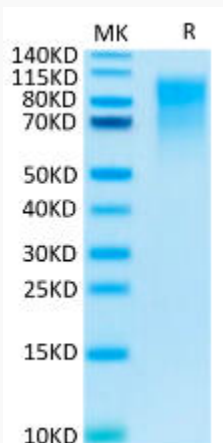
Gene Name	CEACAM1 carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) [Homo sapiens]
Official Symbol	CEACAM1
Synonyms	CEACAM1; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); BGP; carcinoembryonic antigen-related cell adhesion molecule 1; BGP1; CD66a; antigen CD66; CD66a antigen; BGPI;
Gene ID	634
mRNA Refseq	NM_001024912
Protein Refseq	NP_001020083
MIM	109770
UniProt ID	P13688

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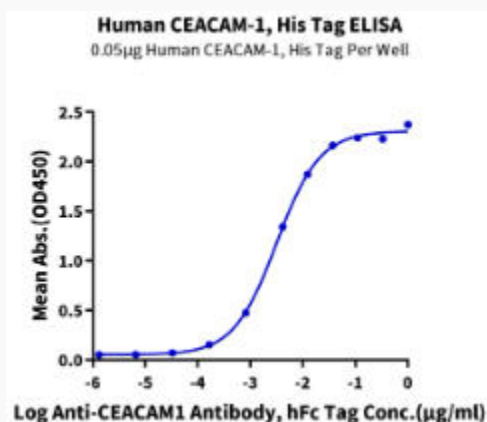
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Bis-Tris PAGE



ELISA Data



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