

Recombinant Rat Ceacam1 protein(Met1-Ser422), His-tagged

Cat. No. Ceacam1-8740R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ceacam1 protein(Met1-Ser422), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ser422
similar	Ceacam1
Alias	CEACAM1; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); carcinoembryonic antigen-related cell adhesion molecule 1; GP110; pp120; C-CAM 105; ecto-ATPase; osteocalcin; cell-CAM 105; pp120/ecto-ATPase; ATP-dependent taurocolate-carrier protein; bone gamma-carboxyglutamic acid (Gla) protein; CEA-related cell adhesion molecule 1 (bone gamma-carboxyglutamic acid (Gla) protein) (osteocalcin); Bgp; BGPR; CD66a; Ccam1;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	

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MolecularMass	The recombinant rat CEACAM1 comprises 399 amino acids and predicts a molecular mass of 44.9 kDa. The apparent molecular mass of the recombinant protein is approximately 66-76 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Ceacam1 carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) [Rattus norvegicus]
GeneNameWeblink	81613
OfficialSymbol	Ceacam1
OfficialSymbolWeblink	81613
GenelD	81613
GenelDWeblink	81613
mRNARefseq	NM_001033860

mRNARefseqWeblink	NM_001033860.1
ProteinRefseqWeblink	NP_001029032.1
MIMWeblink	
UniProtID	
UniProtIDWeblink	

GENE INFORMATION

Synonyms	CEACAM1; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); carcinoembryonic antigen-related cell adhesion molecule 1; GP110; pp120; C-CAM 105; ecto-ATPase; osteocalcin; cell-CAM 105; pp120/ecto-ATPase; ATP-dependent taurocolate-carrier protein; bone gamma-carboxyglutamic acid (Gla) protein; CEA-related cell adhesion molecule 1 (bone gamma-carboxyglutamic acid (Gla) protein) (osteocalcin); Bgp; BGPR; CD66a; Ccam1;
MIM	

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