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Product Sheet

Human CEACAM8 Protein; hFc Tag

GM-88774RP-100 / 100 μg
GM-88774RP-1000 / 1 mg

Product Information

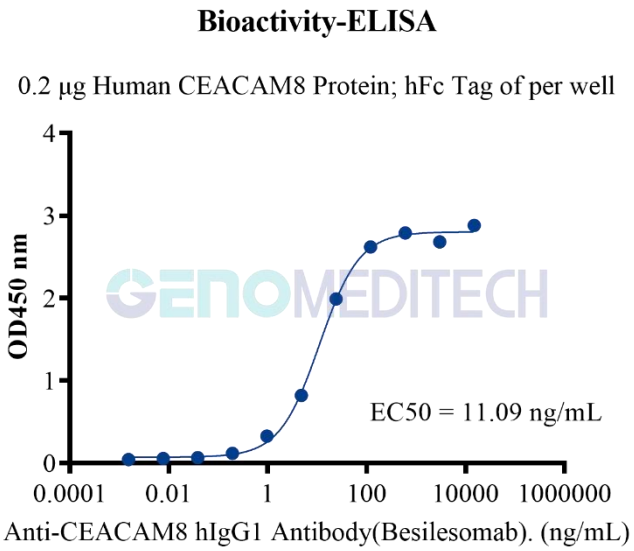
Product Name	Human CEACAM8 Protein; hFc Tag
Source	Human CEACAM8 Protein; hFc Tag (GM-88774RP) is expressed from human 293 cells (HEK-293). It contains AA Gln 35 - Ser 319 (Accession # NP_001807.2). This protein carries a hFc tag at the C-terminus.
Predicted MW	57.4 kDa
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/μg, determined by LAL gel clotting assay
Formulation	Liquid; Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Storage	Store at ≤ -70℃, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Shipping	Shipped on dry ice.
Synonyms	CEACAM8, CD66b, CD67, CGM6, NCA-95
Background	CEACAM8 (CD66b, CGM6) is a glycosylphosphatidylinositol-anchored glycoprotein of the carcinoembryonic antigen family within the immunoglobulin superfamily. It comprises an N-terminal immunoglobulin variable-like domain followed by two constant-like domains and is heavily N-glycosylated. Expression is restricted to the granulocyte lineage, principally neutrophils and eosinophils; in resting cells CEACAM8 resides mainly in secondary and gelatinase granules and is rapidly mobilized to the surface upon activation. It mediates heterophilic adhesion to CEACAM6 and binds galectin-3, which activates the Src-family kinase Hck. CEACAM8 also associates with CD11b and integrin β2 in lipid rafts, promoting adhesion, degranulation and superoxide release, and serves as a widely used granulocyte activation marker.

Version 4.0.26.1020

For research use only!

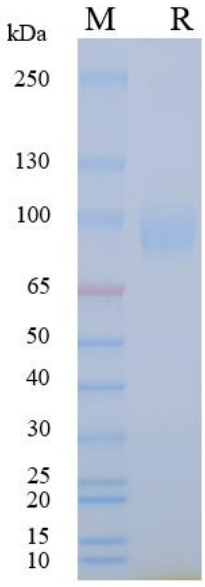
Data

Affinity



Human CEACAM8 Protein; hFc Tag (Catalog # GM-88774RP) was immobilized at 2 μg/ml (100 μl/well). Increasing concentrations of Anti-CEACAM8 hIgG1 Antibody(Besilesomab) (Catalog # GM-49164AB) were added.

Purity



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Related Products

HAVCR2(TIM3) CEACAM1 galectin-9	
Cynomolgus_HAVCR2(TIM3) CHO-K1 Cell Line	H_CEACAM1(CD66a) CHO-K1 Cell Line
H_HAVCR2(TIM3) CHO-K1 Cell Line	H_HAVCR2(TIM3) HEK-293 Cell Line
Anti-H_CEACAM1(CD66a) hIgG4 Antibody(MK-6018)	Anti-H_HAVCR2(TIM3) hIgG4 Antibody(Sabatolimab)

Anti-TIM3 hIgG2 Antibody(M6903)	
Cynomolgus TIM3 Protein; His Tag	
CEACAM5	
Cynomolgus_CEACAM5(CEA) CHO-K1 Cell Line	Cynomolgus_CEACAM5(CEA) HEK-293 Cell Line
H_CEACAM5(CEA) CHO-K1 Cell Line	H_CEACAM5(CEA) CT26 Cell Line
H_CEACAM5(CEA) HEK-293 Cell Line	H_CEACAM5(CEA) MC38 Cell Line
Anti-CEA hIgG1 Antibody(Cibisatamab)	Anti-CEACAM5 hIgG1 Reference Antibody(Labbio)
Anti-CEACAM5 hIgG1 Reference Antibody(Tusbio)	
Human CEACAM5 Protein; hFc Tag	Human CEACAM5 Protein; His Tag
CEACAM8	
H_CEACAM8(CD66b) CHO-K1 Cell Line	
Human CEACAM8 Protein; His Tag	
CEACAM6	
Cynomolgus_CEACAM6(CD66c) CHO-K1 Cell Line	H_CEACAM6(CD66c) CHO-K1 Cell Line
H_CEACAM6(CD66c) HEK-293 Cell Line	H_CEACAM6(CD66c) HEK-293 Cell Line (High Expression)
Anti-H_CEACAM6(CD66c) hIgG1 Antibody(Tinurilimab)	
Cynomolgus CEACAM6 Protein; His Tag	Human CEACAM6 Protein; His Tag
CEACAM7	
Cynomolgus_CEACAM7 CHO-K1 Cell Line	H_CEACAM7 CHO-K1 Cell Line
H_CEACAM7 HEK-293 Cell Line	
Anti-CEACAM7 hIgG4 Antibody(2869)	
ADC Related Product	
Anti-DXD Mouse IgG1 Antibody (23E21C5)	Anti-DXD Mouse IgG1 Antibody (4A5A12)
Anti-Dxd Mouse IgG2a Antibody (17D6A4)	Anti-Eribulin Mouse IgG2a Antibody (10F8G4)
Anti-MMAE Mouse IgG1 Antibody (11C10E3)	Anti-MMAE Mouse IgG2a Antibody (17A1K11)
Anti-MMAE Mouse IgG2a Antibody (8F6A3)	Anti-SN38 Mouse IgG1 Antibody(59H11C7)
Mouse anti Human IgG1-DXD(Dar8)	Mouse anti Human IgG1-MMAE(Dar4)
Human IgG1 Isotype-DXD (Dar8)	Human IgG1 Isotype-Eribulin (Dar4)
Human IgG1 Isotype-MMAE (Dar4)	
Recombinant DT3C Protein	