Active Recombinant Human CNTN1, Fc Chimera

Cat. No. CNTN1-507H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTN1 (Accession # CAA79696) was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
Predicted N Terminal	Glu21
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to support the adhesion of C6 rat glioma cells.rhContactin Fc Chimera immobilized at 2 μg/mL, 100 μl/well will mediate >20% C6 cell adhesion.Measured by its binding ability in a functional ELISA.Immobilized Recombinant Human (rh) NrCAM Fc Chimera at 1 μg/mL (100 μl/well) can bind rhContactin-1 Fc Chimera with a linear range of 0.3-20 ng/mL.
Molecular Mass	Recombinant Human CNTN1, Fc Chimera has a calculated MW of 135 kDa. In SDS-PAGE migrates as 135-150 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	CNTN1 contactin 1 [Homo sapiens]
Official Symbol	CNTN1
Synonyms	CNTN1; contactin 1; contactin-1; F3; glycoprotein gP135; GP135; neural cell surface protein F3;
Gene ID	1272
mRNA Refseq	NM_001256063
Protein Refseq	NP_001242992
MIM	600016
UniProt ID	Q12860
Chromosome Location	12q11-q12

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