**General Information**

**Gene Name Synonym:**
Contactin 1; F3; GP135; MYPCN

**Protein Construction:**
A DNA sequence encoding the amino acid residues (Met1-Ser993) of human CNTN1 (NP_001834.2) was expressed with the fused C-terminal polyhistidine tag.

**Source:** Human

**Expression Host:** HEK293 Cells

**QC Testing**

**Purity:** > 95 % as determined by SDS-PAGE

**Endotoxin:**
< 1.0 EU per μg of the protein as determined by the LAL method

**Predicted N terminal:** Glu 21

**Molecular Mass:**
The secreted recombinant human CNTN1 comprises 984 amino acids after removal of the signal peptide and has a predicted molecular mass of 110 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCNTN1 is approximately 125 kDa due to glycosylation.

**Formulation:**
Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

**Usage Guide**

**Stability & Storage:**
Samples are stable for twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution:**
Detailed reconstitution instructions are sent along with the products.

**References**