

# Human Contactin 4/CNTN4 (His Tag) recombinant protein



Catalog Number: 500469

## General Information

### Gene Name Synonym

Brain-derived immunoglobulin superfamily protein 2

### Protein Construction

A DNA sequence encoding the mature form of human CNTN4 isoform 1 (Q8I WV2-1) (Met 1-Ser 1000) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asp 19

### Molecular Mass

The secreted recombinant human CNTN4 consists of 993 amino acids and has a calculated molecular mass of 110 kDa. It migrates as an approximately 120-130 kDa band as predicted in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.5, 10% gly

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

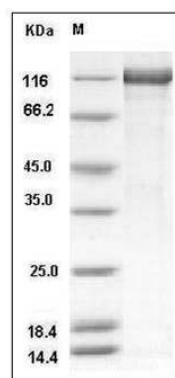
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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SDS-PAGE