# Recombinant Mouse Cntn4 Protein, His-tagged

**Cat. No.** Cntn4-880M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant mouse Cntn4 (Met1-Gly999) was expressed with a polyhistidine tag at the C-terminus. |
| **Species** | Mouse |
| **Source** | Insect Cells |
| **ProteinLength** | 1-999 a.a. |
| **Predicted N Terminal** | Asp 19 |
| **Form** | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol. |
| **Molecular Mass** | The recombinant mouse Cntn4 consists 992 amino acids and predicts a molecular mass of 110.2 kDa. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method. |
| **Purity** | >95 % as determined by SDS-PAGE. |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70ºC. |
| **Storage** | Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | Cntn4 contactin 4 [ Mus musculus ] |
| **Official Symbol** | Cntn4 |
| **Synonyms** | CNTN4; contactin 4; contactin-4; axonal-associated cell adhesion molecule; brain-derived immunoglobulin superfamily molecule; brain-derived immunoglobulin superfamily protein 2; Axcam; BIG-2; 9630050B05; |
| **Gene ID** | 269784 |
| **mRNA Refseq** | NM_001109749 |
| **Protein Refseq** | NP_001103219 |
| **MIM** | |
| **UniProt ID** | |

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