Recombinant Mouse Cntn2 protein, His & T7-tagged

Cat. No. Cntn2-5809M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cntn2 aa. (Ser802~Thr1008 (Accession# Q61330)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser802~Thr1008
Description	This gene encodes a member of the contactin family of proteins, part of the immunoglobulin superfamily of cell adhesion molecules. The encoded glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein plays a role in the proliferation, migration, and axon guidance of neurons of the developing cerebellum. Mice lacking a functional copy of this gene exhibit epileptic seizures and elevated expression of A1 adenosine receptors.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.2kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.9.

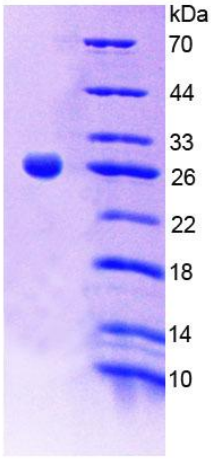
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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Cntn2 contactin 2 [Mus musculus (house mouse)]
Official Symbol	Cntn2
Synonyms	Tax; TAG-1; D130012K04Rik; TAX-1; axonal glycoprotein TAG-1; axonin; axonin-1; transient axonal glycoprotein 1; contactin-2
Gene ID	21367
mRNA Refseq	NM_177129.5
Protein Refseq	NP_796103.2
UniProt ID	Q61330

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SDS-PAGE	 15% SDS-PAGE

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