Recombinant Human CNTN2 protein, His & T7-tagged

Cat. No. CNTN2-5808H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTN2 aa. (Val604~Phe771 (Accession# Q02246)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val604~Phe771
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. A mutation in this gene may be associated with adult myoclonic epilepsy.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.7kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.5.

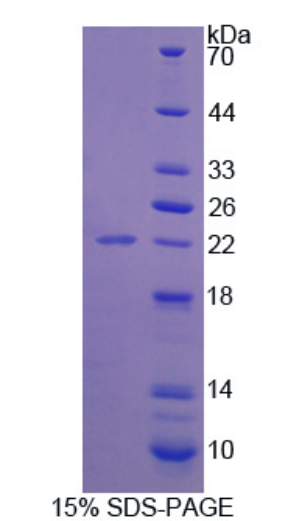
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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and 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 [Homo sapiens (human)]
Official Symbol	CNTN2
Synonyms	AXT; TAX; TAX1; FAME5; TAG-1; axonal glycoprotein TAG-1; axonin-1 cell adhesion molecule; contactin 2 (axonal); contactin 2 (transiently expressed); transient axonal glycoprotein 1; contactin-2
Gene ID	6900
mRNA Refseq	NM_001346083.1
Protein Refseq	NP_001333012.1
UniProt ID	Q02246

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SDS-PAGE	 15% SDS-PAGE

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