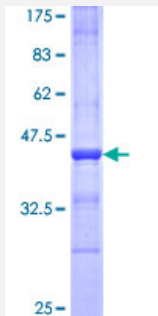


CNTN2 (Human) Recombinant Protein (Q01)

Catalog # H00006900-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CNTN2 partial ORF (NP_005067, 825 a.a. - 923 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SSSEMNVTWEPVQQDMNGILLGYEIRYWKAGDKAAAADRVRTAGLDTSARVSGLHPNTKYHVTV RAYNRAGTGPASPSANATMKPPRRPPGNISWTF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (93)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CNTN2

Entrez GeneID	6900
GeneBank Accession#	NM_005076
Protein Accession#	NP_005067
Gene Name	CNTN2
Gene Alias	AXT, DKFZp781D102, FLJ42746, MGC157722, TAG-1, TAX, TAX1
Gene Description	contactin 2 (axonal)
Omim ID	190197
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the immunoglobulin superfamily. It is a glycosylp hosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system . It may also be involved in glial tumorigenesis and may provide a potential target for therapeutic i ntervention. [provided by RefSeq
Other Designations	OTTHUMP00000035179 axonin-1 cell adhesion molecule contactin 2 contactin 2 (transiently exp ressed) transient axonal glycoprotein 1 transiently-expressed axonal glycoprotein

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Polyradiculoneuropathy](#)