CNTN4 (Human) Recombinant Protein (Q01)

Catalog # H00152330-Q01 Size 25 ug, 10 ug

Applications

Specification

Product Description	Human CNTN4 partial ORF (NP_783200.1, 800 a.a. - 898 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EPTKPPASIFARSLSATDIEVFWASPLEKNRGRIQGYEVKYWRHEDKEENARKIRTVGNQTSTKITN LKGSVLYHLAVKAYNSAGTGPSSATVNVTTRK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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 — CNTN4

Entrez GeneID	152330
GeneBank Accession#	NM_175607
Protein Accession#	NP_783200.1
Gene Name	CNTN4
Gene Alias	AXCAM, BIG-2, CNTN4A, MGC33615
Gene Description	contactin 4
Omim ID	606364 607280
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 . Several alternatively spliced transcript variants of this gene have been described, but the full-leng th nature of some of these variants has not been determined. [provided by RefSeq
Other Designations	OTTHUMP00000147566|OTTHUMP00000147567|axonal cell adhesion molecule|axonal-associa ted cell adhesion molecule|neural cell adhesion protein BIG-2

Disease

- Autistic Disorder
- Cardiovascular Diseases
- Diabetes Mellitus

- Edema
- Mental Retardation
- Psychotic Disorders
- Schizophrenia
- Spinocerebellar ataxia
- Spinocerebellar Ataxias