

Datasheet for ABIN2713465

L1CAM Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)





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Overview	
Quantity:	20 μg
Target:	L1CAM
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This L1CAM protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human CD171 / L1CAM (transcript variant 1) protein expressed in HEK293
	cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	L1CAM
Alternative Name:	Cd171,l1cam (L1CAM Products)
Background:	The protein encoded by this gene is an axonal glycoprotein belonging to the immunoglobulin
	supergene family. The ectodomain, consisting of several immunoglobulin-like domains and
	fibronectin-like repeats (type III), is linked via a single transmembrane sequence to a conserved

cytoplasmic domain. This cell adhesion molecule plays an important role in nervous system
development, including neuronal migration and differentiation. Mutations in the gene cause X-
linked neurological syndromes known as CRASH (corpus callosum hypoplasia, retardation,
aphasia, spastic paraplegia and hydrocephalus). Alternative splicing of this gene results in
multiple transcript variants, some of which include an alternate exon that is considered to be
specific to neurons.
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Molecular Weight:	137.8 kDa
NCBI Accession:	NP_000416

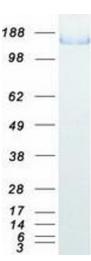
Pathways: Synaptic Membrane

Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot