## For Research Use Only Recombinant Human L1CAM protein (Myc Tag, His Tag)



## Catalog Number: Eg0209

Basic Information	<mark>Species:</mark> Human	Purity: >90 %, SDS-PAGE	<mark>Tag:</mark> Myc Tag, His Tag
Technical Specifications	Purity: >90 %, SDS-PAGE		
	Endotoxin Level: <0.1 EU/ µg protein, LAL	method	
	Source: HEK293-derived Human L1CAM protein Ile20-Glu1120 (Accession#P32004-1) with a Myc tag and a His tag at the C-terminus.		
	GenelD: 3897		
	Accession: P32004-1		
	Predicted Molecular Ma 128.2 kDa	55:	
	SDS-PAGE: 120-200 kDa, reducing (	R) conditions	
	<b>Formulation:</b> Lyophilized from 0.22 μ protectants before lyop	m filtered solution in PBS, pH 7.4. Normally hilization.	y 5% trehalose and 5% mannitol are added as
<b>Biological Activity</b>	Not tested		
Storage and Shipping	Storage: It is recommended that	the protein be aliquoted for optimal storag	ge. Avoid repeated freeze-thaw cycles.
	<ul> <li>Until expiry dat</li> <li>3 months, -20 °C</li> </ul>	e, -20 $^\circ\!\mathrm{C}$ to -80 $^\circ\!\mathrm{C}$ as lyophilized proteins. C to -80 $^\circ\!\mathrm{C}$ under sterile conditions after red	constitution.
	Shipping: The product is shipped a temperature.	at ambient temperature. Upon receipt, stor	e it immediately at the recommended
Reconstitution	Briefly centrifuge the tu	be before opening. Reconstitute at 0.1-0.5	i mg/mL in sterile water.
Background	L1CAM, also known as NG a 200-220 kDa transmer repeats followed by a tr expressed in the nervou outgrowth of neurites, c interactions among epit is often associated with	CAM-L1 or CD171, is a cell adhesion molecu nbrane glycoprotein composed of six Ig-lik ansmembrane region and a highly conserve is system and is involved in neuron-neuror cerebellar granule cell migration, neurite o helial cells of intestinal crypts. L1CAM is ov bad prognosis.	le of the immunoglobulin superfamily. It is e domains and five fibronectin type III ed cytoplasmic tail. L1CAM is primarily a dhesion, neurite fasciculation, utgrowth on Schwann cells and rerexpressed in many human cancers and
References	1. M Moos. et al. (1988) N 2. S Kenwrick. et al. (200 3. Helena Kiefel. et al. (2 4. Timur R Samatov. et al 5. Peter Altevogt. et al. (2	lature. 334(6184):701-3. 0) Hum Mol Genet. 9(6):879-86. 012) Cell Adh Migr. 6(4):374-84. . (2016) Prog Histochem Cytochem. 51(2):2! 2016) Int J Cancer. 138(7):1565-76.	5-32.

Synonyms

L1CAM, CAML1, CD171, HSAS, HSAS1

## Selected Validation Data



Purity of Recombinant Human L1CAM was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.