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### L1CAM Protein (AA 20-1123) (His tag)

**Images** 



#### Overview

Quantity:	100 μg
Target:	L1CAM
Protein Characteristics:	AA 20-1123
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This L1CAM protein is labelled with His tag.

#### **Product Details**

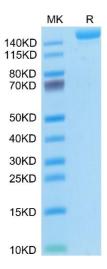
Purpose:	Mouse L1CAM Protein
Sequence:	lle20-Glu1123
Characteristics:	Recombinant Mouse L1CAM Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ile20-Glu1123.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 μm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

#### **Target Details**

Target:	L1CAM
Alternative Name:	L1CAM (L1CAM Products)

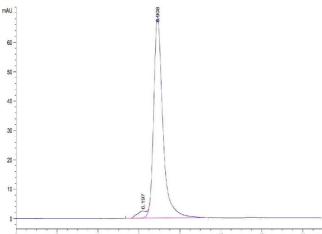
#### Target Details

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Background:	L1 cell adhesion molecule (L1CAM) is one of the first neural adhesion molecules described with important functions in the development of the nervous system. Subsequent work discovered that L1CAM is expressed in many human cancers and is often associated with bad prognosis. This is most likely due to the motility and invasion promoting function of L1CAM. L1CAM is a valuable diagnostic/prognostic marker and an attractive target for the therapy of several human cancers.
Molecular Weight:	125.4 kDa. Due to glycosylation, the protein migrates to 160-180 kDa based on Tris-Bis PAGE result.
UniProt:	P11627
Pathways:	Synaptic Membrane
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



#### **SDS-PAGE**

**Image 1.** Mouse L1CAM on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse L1CAM is greater than 95 % as determined by SEC-HPLC.