

Active Recombinant Human L1CAM Protein, Fc-tagged, FITC conjugated

Cat. No. L1CAM-485HF Lot. No. (See product label)

SPECIFICATION

Product Overview	FITC conjugated recombinant human L1CAM (Accession # CAA42508) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Form	Lyophilized
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of Neuro-2A mouse neuroblastoma cells. When 5×10^4 cells/well are added to recombinant Human L1CAM Fc Chimera coated plates (25 $\mu\text{g}/\text{mL}$ with 100 $\mu\text{L}/\text{well}$), > 30% will adhere for 1 hour incubation at 37 centigrade. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human L1CAM, Fc Chimera has a calculated MW of 150.4 kDa (monomer) & 55.9 kDa (truncated). In SDS-PAGE migrates as 210-225 kDa, reducing conditions.
N-terminal Sequence Analysis	Ile 20 & Arg 864
Purity	> 90 % by SDS-PAGE and analyzed by silver stain

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Characteristic	<p>Disulfide-linked homodimer</p> <p>Labeled with FITC via amines</p> <p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p>
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in Tris-Citrate and NaCl.
Conjugation	FITC
GENE INFORMATION	
Gene Name	L1CAM L1 cell adhesion molecule [Homo sapiens]
Official Symbol	L1CAM
Synonyms	L1CAM; L1 cell adhesion molecule; antigen identified by monoclonal R1 , HSAS, HSAS1, MASA, MIC5, S10, SPG1; neural cell adhesion molecule L1; CD171; antigen identified by monoclonal R1; S10; HSAS; MASA; MIC5; SPG1; CAML1; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1;
Gene ID	3897
mRNA Refseq	NM_000425
Protein Refseq	NP_000416

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MIM	308840
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UniProt ID	P32004
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