Active Recombinant Mouse Chl1, His-tagged

Cat. No. Chl1-455M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chl1 (Accession # BAC30699) Ala25-Gln1043 (Leu227-Gln242 del & Ala243Ser), fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	25-1043;227-242 a.a.
Predicted N Terminal	Ala25
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic hippocampal neurons.Able to significantly enhance neurite outgrowth when immobilized as a 3 μl droplet containing 100 ng on a nitrocellulose-coated microplate.
Molecular Mass	Recombinant Mouse Chl1, His-tagged has a calculated MW of 114 kDa. In SDS-PAGE migrates as 160-180 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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

	months (-70ºC).

GENE INFORMATION

Gene Name	Chl1 cell adhesion molecule with homology to L1CAM [Mus musculus]
Official Symbol	Chl1
Synonyms	CHL1; cell adhesion molecule with homology to L1CAM; neural cell adhesion molecule L1-like protein; chl1-like protein; close homolog of L1; CALL; LICAM2; AI465420; A530023M13Rik;
Gene ID	12661
mRNA Refseq	NM_007697
Protein Refseq	NP_031723
MIM	

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