

Active Recombinant Mouse Notch1, Fc Chimera

Cat. No. Notch1-400M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Notch1 (Accession # AAM28905) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Ala19
Form	Lyophilized from a 0.2 µ filtered solution in PBS and EDTA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Mouse Notch-1 Fc Chimera at 2 µg/mL (100 µg/mL) can bind Recombinant Rat Jagged 1 Fc Chimera with an apparent KD < 2 nM.
Molecular Mass	Recombinant Mouse Notch1, Fc Chimera has a calculated MW of 80.7 kDa (monomer). In SDS-PAGE migrates as 110-120 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

 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

Gene Name	Notch1 Notch gene homolog 1 (Drosophila) [Mus musculus]
Official Symbol	Notch1
Synonyms	NOTCH1; Notch gene homolog 1 (Drosophila); neurogenic locus notch homolog protein 1; mT14; p300; Motch A; notch 1; major type A protein; transmembrane receptor Notch1; N1; Mis6; Tan1; lin-12; 9930111A19Rik;
Gene ID	18128
mRNA Refseq	NM_008714
Protein Refseq	NP_032740
MIM	

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