

Active Recombinant Mouse NOTCH1 protein, His-tagged

Cat. No. NOTCH1-0570M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NOTCH1 protein(Ala19-Gln526), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	19-526 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human DLL4, Fc Tag at 5 µg/mL (100 µL/well) can bind Mouse NOTCH1, His Tag with a linear range of 0.02-0.313 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 55.4 kDa. The protein migrates as 58-68 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala19-Gln526
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

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