

Active Recombinant Human NOTCH1 protein, Fc-tagged

Cat. No. NOTCH1-0569H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NOTCH1 protein(Ala19-Gln526), fused with Fc tag, was expressed in HEK293.
Species	Human
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, His Tag at 5 µg/mL (100 µL/well) can bind Human NOTCH1, Fc Tag with a linear range of 1-8 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 80.0 kDa. The protein migrates as 90-100 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 1 [Homo sapiens]

Official Symbol NOTCH1

Synonyms NOTCH1; notch 1; Notch (Drosophila) homolog 1 (translocation associated) , Notch homolog 1, translocation associated (Drosophila) , TAN1; neurogenic locus notch homolog protein 1; Notch homolog 1, translocation-associated; translocation-associated notch protein TAN-1; hN1; TAN1;

Gene ID 4851

mRNA Refseq NM_017617

Protein Refseq NP_060087

MIM 190198

UniProt ID P46531

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