

Active Recombinant Human NOTCH3 protein, Fc-tagged

Cat. No. NOTCH3-0545H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NOTCH3 protein(Ala40-Glu467), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	40-467 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NOTCH3, Fc Tag at 1 µg/mL (100 µL/well) can bind Bispecific Antibody (NOTCH2 x NOTCH3) with a linear range of 2-20 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 71.4 kDa. The protein migrates as 65-75 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala40-Glu467
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 NOTCH3 notch 3 [Homo sapiens]

Official Symbol NOTCH3

Synonyms NOTCH3; notch 3; CADASIL, Notch (Drosophila) homolog 3 , Notch homolog 3 (Drosophila); neurogenic locus notch homolog protein 3; CASIL; Notch homolog 3; CADASIL;

Gene ID 4854

mRNA Refseq NM_000435

Protein Refseq NP_000426

MIM 600276

UniProt ID Q9UM47

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