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 × 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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