

Recombinant Human NOTCH2 protein, His-tagged

Cat. No. NOTCH2-3228H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NOTCH2 protein(1697-1819 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1697-1819 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VIMAKRKRKHGSLWLPEGFTLRRDASNHKRREPVGQDAVGLKNLSVQVSEANLIGT GTSEHWVDDEGPQPKKVAEDEALLSEDDPIDRRPWTQQHLEAADIRRTPSLALT PPQAEQEVDVL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	NOTCH2 notch 2 [Homo sapiens]
Official Symbol	NOTCH2
Synonyms	NOTCH2; notch 2; Notch (Drosophila) homolog 2 , Notch homolog 2 (Drosophila); neurogenic locus notch homolog protein 2; Notch homolog 2; hN2; AGS2; HJCYS;
Gene ID	4853
mRNA Refseq	NM_001200001
Protein Refseq	NP_001186930
MIM	600275
UniProt ID	Q04721

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