

## Recombinant Human NOTCH3 protein, hFc-tagged

**Cat. No.** NOTCH3-047H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NOTCH3 protein(Q9UM47)(Ala40-Glu467) is expressed from Expi293 with hFc tag at the C-terminal.                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Ala40-Glu467                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                                                                                                    |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 71.53 kDa. Due to glycosylation, the protein migrates to 75-83 kDa based on Tris-Bis PAGE result.                                                                                                                                                               |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE<br>> 95% as determined by HPLC                                                                                                                                                                                                                               |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt.<br>-20 to -80°C for 3-6 months in unopened state after reconstitution.<br>2-8°C for 2-7 days after reconstitution.<br>Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles. |

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**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

**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

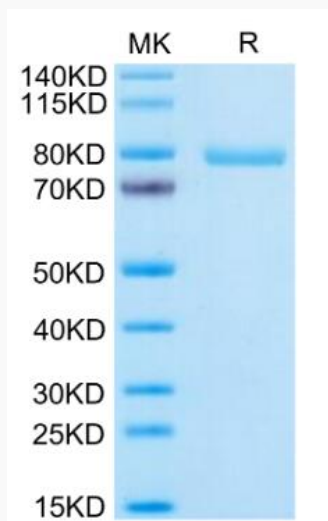
**UniProt ID** Q9UM47

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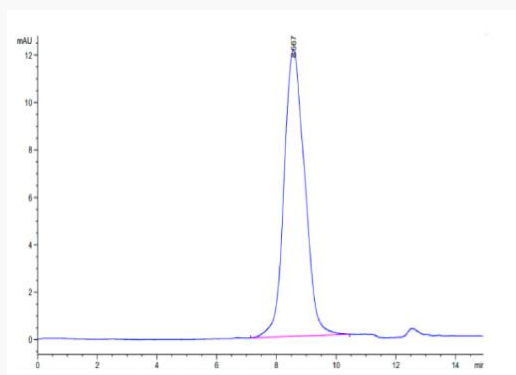
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### Tris-Bis PAGE



### SEC-HPLC



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