

RP02460

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Recombinant Human Notch 1 Protein

Catalog No.: RP02460

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	4851	P46531

Tags

C-His&Avi

Synonyms

AOS5;AOVD1;TAN1;hN1;NOTCH1;Activated NOTCH1;notch 1; AOS5; AOVD1; TAN1; hN1; notch 1

Product Information

Source

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening.

Background

Basic Information

Description

Recombinant Human Notch 1 Protein is produced by Exp293 expression system. The target protein is expressed with sequence (Ala19-Gln526) of Human Notch 1 fused with His tag and Avi tag at the C-terminal.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

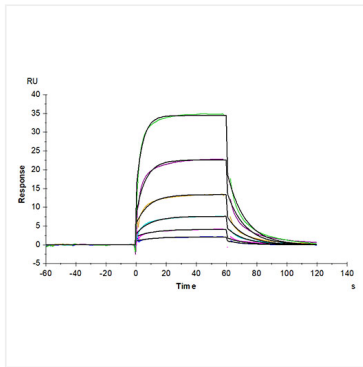
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Contact

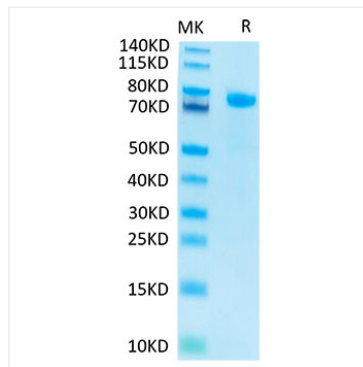


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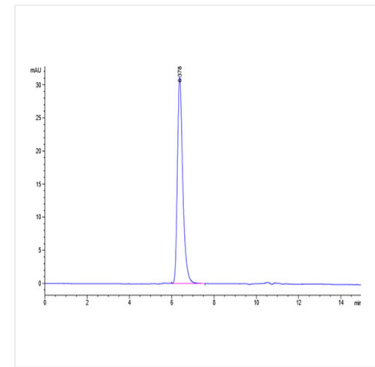
Validation Data



Human DLL4, hFc Tag captured on CM5 Chip via Protein A can bind Human Notch 1, His Tag with an affinity constant of $0.48 \mu\text{M}$ as determined in SPR assay (Biacore T200).



Recombinant Human Notch 1 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human Notch 1 is greater than 95% as determined by SEC-HPLC.