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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NOTCH3 (Human) Recombinant Protein

Catalog Number: P9726

Regulation Status: For research use only (RUO)

Product Description: Human NOTCH3 (Q9UM47, 1378 a.a. - 1640 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.

Sequence:

APEVSEEPRCPRAACQAKRGDQRCDCRECNTPGCGW
DGGDCSLSVGDPWRQCEALQCWRLFNNRCDPACS
SPACLYDNFDCHAGGRERTCNPVYEKYCADHFADGR
CDQGCNTEECGWDGLDCASEVPALLARGVLVLTVLLP
PEELLRSSADFLQRLSAILRTSLRFLDAHGQAMVFPY
HRPSPGSEPRARRELAPEVIGSVVMLEIDNRLCLQSPE
NDHCFPDAQSAADYLGALSAVERLDFPYPLRDVRGEP
LEPPEPS

Host: Human

Theoretical MW (kDa): 30.18

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (Expi293, high-yield transient HEK293) expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein (determined by LAL method)

Activity: The EC₅₀ was 18.2 ng/mL, measured by ELISA at 2 ug/mL.

Recommend Usage: Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from sterile distilled Water

is > 100 ug/mL

Storage Instruction: Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4854

Gene Symbol: NOTCH3

Gene Alias: CADASIL, CASIL

Gene Summary: This gene encodes the third discovered human homologue of the *Drosophila melanogaster* type I membrane protein notch. In *Drosophila*, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signalling pathway that plays a key role in neural development. Homologues of the notch-ligands have also been identified in human, but precise interactions between these ligands and the human notch homologues remains to be determined. Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). [provided by RefSeq]