

Notch-1, mouse recombinant protein

Neurogenic Locus Notch Homolog Protein 1; Notch A; mT14; p300 Catalog # PBV11141r

Specification

Notch-1, mouse recombinant protein - Product info

Primary Accession Calculated MW <u>Q01705</u>

~85.0 kDa. The extracellular domain of mouse Notch-1 (aa 19-488) (12 epidermal growth factor-like (EGF) repeats) is fused at the C-terminus to the Fc portion of human IgG1. KDa

Notch-1, mouse recombinant protein - Additional Info

Gene ID 18128 Gene Symbol NOTCH1 Other Names Neurogenic Locus Notch Homolog Protein 1; Notch A; mT14; p300

Gene Source Source Assay&Purity Assay2&Purity2 Recombinant Target/Specificity Notch-1 Mouse CHO cells SDS-PAGE; ≥95% N/A; Yes

Application Notes Reconstitute with sterile water to 1 mg/ml.

Format Lyophilized

Storage -20°C; Lyophilized with PBS

Notch-1, mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety



<u>Cell Culture</u>

Notch-1, mouse recombinant protein - Images

Notch-1, mouse recombinant protein - Background

Notch signaling pathway regulates many different cell fate decisions in both vertebrate and invertebrate species. There are 5 canonical Notch ligands in mammals: Jagged-1, Jagged-2, DLL1, DLL3 and DLL4. These can bind to the four Notch receptors Notch 1-4. It is important for pattern formation during development such as neurogenesis, angiogenesis or myogenesis and regulates T cell development and stem cell maintenance. Notch signaling is also involved in cellular processes through-out adulthood. Signaling via Notch occurs between neighbouring cells and both the receptor and its ligands are transmembrane proteins.

Notch-1, mouse recombinant protein - References

Franco del Amo F., et al. Genomics 15:259-264(1993). Nye J.S., et al. Development 120:2421-2430(1994). Foltz D.R., et al. Curr. Biol. 12:1006-1011(2002). Tsuji H., et al. Carcinogenesis 24:1257-1268(2003). Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).