

# Notch-2, mouse recombinant

<b>CATALOG #:</b>	7531-25	25 µg
<b>ALTERNATE NAMES:</b>	Neurogenic Locus Notch Homolog Protein 2; Notch B	
<b>SOURCE:</b>	CHO cells	
<b>PURITY:</b>	≥ 95% by SDS-PAGE gel	
<b>MOL. WEIGHT:</b>	~87.0 kDa. The extracellular domain of mouse Notch-2 (aa 26-494) (12 epidermal growth factor-like (EGF) repeats) is fused at the C-terminus to the Fc portion of human IgG1.	
<b>ENDOTOXIN LEVEL:</b>	<0.01 EU/µg purified protein	
<b>FORM:</b>	Lyophilized	
<b>FORMULATION:</b>	Lyophilized from PBS.	
<b>RECONSTITUTION:</b>	Reconstitute with sterile water to 1 mg/ml.	
<b>STORAGE CONDITIONS:</b>	Prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.	
<b>SPECIFICITY:</b>	Binds to mouse DLL1 and DLL4.	

**DESCRIPTION:** 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.

**RELATED PRODUCTS:**

- Notch-1, mouse recombinant (**Cat. No. 7530-25**)
- Notch 1 Antibody (**Cat. No. 3881-100**)
- Notch 1 Antibody (Clone # EP1238Y) (**Cat. No. 6770-50**)
- Notch-1 (human) ELISA Kit (**Cat. No. K4763-100**)

**FOR RESEARCH USE ONLY! Not to be used in humans.**