

Notch-1, mouse recombinant

CATALOG #:	7530-25	25 µg
ALTERNATE NAMES:	Neurogenic Locus Notch Homolog Protein 1; Notch A; mT14; p300	
SOURCE:	CHO cells	
PURITY:	≥ 95% by SDS-PAGE gel	
MOL. WEIGHT:	~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.	
ENDOTOXIN LEVEL:	<0.1 EU/µg purified protein	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from PBS.	
RECONSTITUTION:	Reconstitute with sterile water to 1 mg/ml.	
STORAGE CONDITIONS:	Prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles.	
SPECIFICITY:	Binds to mouse 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-2, mouse recombinant (**Cat. No. 7531-25**)
- 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.