

RPCB0044

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**Product Information**

<b>Product SKU:</b>	RPCB0044	<b>Gene ID:</b>	4853	<b>Size:</b>	100µg
<b>Tag:</b>	C-His&Avi	<b>Reactivity:</b>	Human		

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**Additional Information**

<b>Expression Host:</b>	-	<b>Swissprot:</b>	Q04721
<b>Purity:</b>	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC		

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**Protein Information**

**Background:** Human Notch-2 is a 300 kDa type I transmembrane glycoprotein that is one of four human Notch homologues involved in developmental processes. Although Notch proteins are structurally and functionally similar, deletion of either Notch-1 or Notch-2 is lethal, showing that not all functions overlap. Notch-2 functions as a receptor for membrane-bound ligands Jagged-1 (JAG1), Jagged-2 (JAG2) and Delta-1 (DLL1) to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus.

**Protein Description:** High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human Notch 2 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

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

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

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.