

Mouse Notch 4 Protein

Cat. No. NOT-MM104

Description

Source	Recombinant Mouse Notch 4 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu1042-Leu1441.
Accession	P31695
Molecular Weight	The protein has a predicted MW of 42.91 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μ g by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

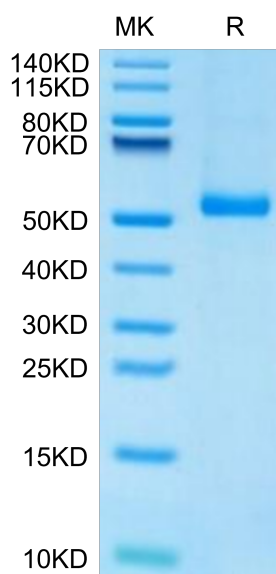
Formulation	Supplied as 0.22 μ m filtered solution in PB, 500mM NaCl, 10% Glycerol (pH 7.0).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The Notch signaling pathway is important for cell-cell communication; it is involved in gene regulation mechanisms that control multiple cell differentiation processes during embryonic and adult life. Notch-4 expression correlates with Ki67. Notch-4 also plays a key role in breast cancer stem-like cells.

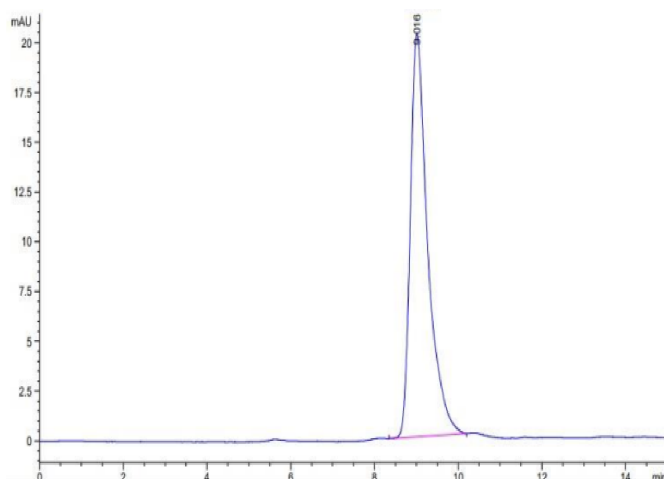
Assay Data

Bis-Tris PAGE



Mouse Notch 4 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse Notch 4 is greater than 95% as determined by SEC-HPLC.