

Datasheet for ABIN7275367

NOTCH4 Protein (AA 1042-1441) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	NOTCH4
Protein Characteristics:	AA 1042-1441
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOTCH4 protein is labelled with His tag.

Product Details

Purpose:	Mouse Notch 4 Protein
Sequence:	Glu1042-Leu1441
Characteristics:	Recombinant Mouse Notch 4 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu1042-Leu1441.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	NOTCH4
Alternative Name:	Notch 4 (NOTCH4 Products)

Target Details

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.
Molecular Weight:	42.91 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
UniProt:	P31695
Pathways:	Notch Signaling

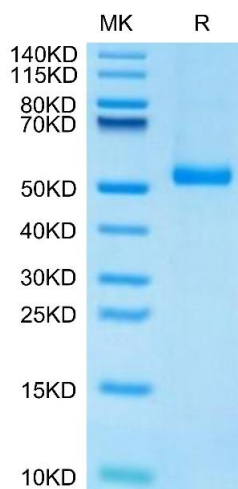
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PB, 500 mM NaCl, 10 % Glycerol (pH 7.0).
Storage:	-80 °C
Storage Comment:	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.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Mouse Notch 4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse Notch 4 is greater than 95 % as determined by SEC-HPLC.

