

HUMAN NOTCH3 PROTEIN, HFC TAG

目录: 11442

产品名称: Human NOTCH3 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: CADASIL;CADASIL1;CASIL;IMF2;LMNS

Target: NOTCH3

UNIPROT ID: Q9UM47

描述: Recombinant human NOTCH3 protein with C-terminal human Fc tag

背景: This gene encodes the third discovered human homologue of the *Drosophila melanogaster* type I membrane protein notch. In *Drosophila*, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signalling pathway that plays a key role in neural development. Homologues of the notch-ligands have also been identified in human, but precise interactions between these ligands and the human notch homologues remains to be determined. Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 70.9 kDa after removal of the signal peptide. The apparent molecular mass of NOTCH3-hFc is approximately 70-100 kDa due to glycosylation.

Molecular Characterization: NOTCH3(Ala40-Glu467) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

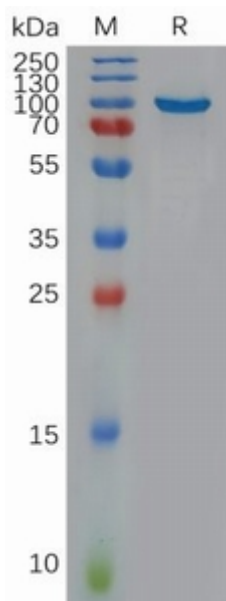


Figure 1. Human NOTCH3 Protein, His Tag on SDS-PAGE under reducing condition.