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Datasheet for ABIN7319310 JAG1 Protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	JAG1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JAG1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Jagged 1/JAG1 Protein (Fc Tag)
Sequence:	Gln34-Ser1046
Characteristics:	Recombinant Human jagged-1 is produced by our Mammalian expression system and the target gene encoding Gln34-Ser1046 is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	JAG1
Alternative Name:	Jagged 1/JAG1 (JAG1 Products)
Background:	Background: Protein jagged-1 I, also known as Jagged-1, JAGL1, HJ1, JAG1 and CD339, is a single-pass type I membrane protein. JAG1 contains one DSL domain and sixteen EGF-like domain. JAG1 acts as a ligand for multiple Notch receptors and is involved in the mediation of

Target Details

Notch signaling. JAG1 may participate in early and late stages of mammalian cardiovascular development, JAG1 inhibits myoblast differentiation and enhances fibroblast growth factor-induced angiogenesis. Defects in JAG1 are the cause of Alagille syndrome type 1, which is autosomal dominant multisystem disorder defined clinically by hepatic bile duct paucity and cholestasis in association with cardiac, skeletal, and ophthalmologic manifestations.

Synonym: Protein jagged-1 I, Jagged-1, JAGL1, HJ1, JAG1 and CD339,AGS,AHD,AWS,Jagged 1

Molecular Weight: 138.5 kDa

NCBI Accession: [NP_000205](#)

Pathways: [Notch Signaling](#), [Stem Cell Maintenance](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.