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Datasheet for ABIN5564384

JAG1 Protein (AA 1-1067, Extracellular Domain) (Fc Tag)

Overview

Quantity:	10 µg
Target:	JAG1
Protein Characteristics:	AA 1-1067, Extracellular Domain
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This JAG1 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Mouse (Murine)
Characteristics:	Signal peptide and extracellular domain of mouse Jagged-1 (aa 1-1067) are fused at the C-terminus to the Fc portion of human IgG.
Purity:	>90 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	JAG1
Alternative Name:	Jagged-1 (JAG1 Products)

Target Details

Background: Jagged-1 is a ligand for multiple Notch receptors and involved in the mediation of Notch signaling. It is involved in cell-fate decisions during hematopoiesis. Is involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation. Enhances fibroblast growth factor-induced angiogenesis (in vitro). Defects in Jagged-1 are the cause of Alagille syndrome type 1 (ALGS1) and tetralogy of Fallot (TOF).

Molecular Weight: ~150kDa (SDS-PAGE)

UniProt: [Q9QXX0](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Inhibits adipogenesis of 3T3L-1 cells.

Restrictions: For Research Use only

Handling

Format: Solid

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months