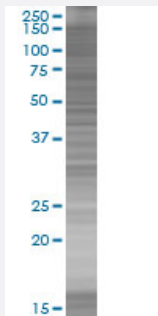


JAG1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000182-T01

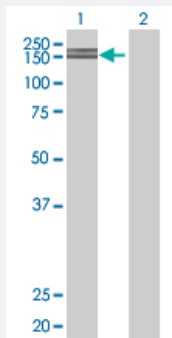
Size 100 uL

Applications



SDS-PAGE Gel

JAG1 transfected lysate.



Western Blot

Lane 1: JAG1 transfected lysate (133.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-JAG1 full-length
Host	Human
Theoretical MW (kDa)	133.8
Interspecies Antigen Sequence	Mouse (97); Rat (96)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-JAG1 antibody ([H00000182-B01](#)) by Western Blots.
SDS-PAGE Gel
JAG1 transfected lysate.
Western Blot
Lane 1: JAG1 transfected lysate (133.8 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — JAG1

Entrez GeneID

[182](#)

GeneBank Accession#

[NM_000214](#)

Protein Accession#

[NP_000205](#)

Gene Name

JAG1

Gene Alias

AGS, AHD, AWS, CD339, HJ1, JAGL1, MGC104644

Gene Description

jagged 1 (Alagille syndrome)

Omim ID

[118450](#) [187500](#) [601920](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophila jagged receptor notch. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis. [provided by RefSeq]

Other Designations

OTTHUMP00000030278jagged 1

Pathway

- [Notch signaling pathway](#)

Disease

- [Alagille Syndrome](#)
- [Alzheimer disease](#)
- [Brain Diseases](#)
- [CADASIL](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Chromosome Deletion](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hepatitis C](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Neuroblastoma](#)
- [Osteoporosis](#)
- [Pulmonary Valve Stenosis](#)
- [Tetralogy of Fallot](#)