Recombinant Human JAG1 Protein (Gly33-Asp250), His tagged

Cat. No. JAG1-2374H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human JAG1 (Gly33-Asp250) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly33-Asp250
Description	The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophilia jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter is involved in signaling processes. 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.
Molecular Mass	25.56 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	JAG1 jagged 1 [Homo sapiens (human)]
Official Symbol	JAG1
Synonyms	JAG1; jagged 1; AGS, Alagille syndrome, JAGL1; protein jagged-1; AHD; AWS; CD339; HJ1; AGS; JAGL1; MGC104644;
Gene ID	182
mRNA Refseq	NM_000214
Protein Refseq	NP_000205
MIM	601920
UniProt ID	P78504

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