

## Product datasheet for **TP724712**

### Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Jagged1 Protein (C-hFc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln34-Ser1046
Tag:	C-Human Fc
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Jagged1 Protein (C-hFc) is produced by Human Cells. The target gene encoding Gln34-Ser1046 is expressed with a C-hFc tag.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-5 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Summary:	Protein jagged-1 (JAG1) is also known as Jagged1, hJ1, JAGL1 and CD339, which is a single-pass type I membrane protein containing one DSL domain and 15 EGF-like domains. JAG1 is widely expressed in adult and fetal tissues, the expression of JAG1 is up-regulated in cervical squamous cell carcinoma and also expressed in bone marrow cell line HS-27a. JAG1 is a ligand for multiple Notch receptors and involved in the mediation of Notch signaling. JAG1 is involved in early and late stages of mammalian cardiovascular development. JAG1 inhibits myoblast differentiation by similarity and enhances fibroblast growth factor-induced angiogenesis (in vitro).

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