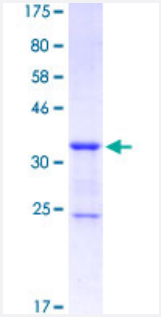
JAG2 (Human) Recombinant Protein (Q02)

Catalog # H00003714-Q02 Size 10 ug, 25 ug

Applications



Specification

Product Description	Human JAG2 partial ORF (NP_002217.3, 869 a.a. - 966 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	GRSCWSRGTPFPHGSSWVEDCNSCRCLDGRRDCSKVWCGWKPCLLAGQPEALSAQCPLGQ RCLEKAPGQCLRPPCEAWGECGAEEPPSTPCLPRSGHL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — JAG2

Entrez GeneID	3714
GeneBank Accession#	NM_002226.4
Protein Accession#	NP_002217.3
Gene Name	JAG2
Gene Alias	HJ2, SER2
Gene Description	jagged 2
Omim ID	602570
Gene Ontology	Hyperlink
Gene Summary	The Notch signaling pathway is an intercellular signaling mechanism that is essential for proper e mbryonic development. Members of the Notch gene family encode transmembrane receptors that are critical for various cell fate decisions. The protein encoded by this gene is one of several ligan ds that activate Notch and related receptors. Two transcript variants encoding different isoforms h ave been found for this gene. [provided by RefSeq
Other Designations	-

Pathway

- Notch signaling pathway

Disease

- Cleft Lip
- Cleft Palate
- Dominance
- Ectodermal Dysplasia
- Genetic Predisposition to Disease
- Schizophrenia
- Syndrome