

Product datasheet for TP512152

Jag1 (NM_013822) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse jagged 1 (Jag1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR212152 representing NM_013822
Red=Cloning site Green=Tags(s)

MRSRTRGRPGRPLSLLLALLCALRAKVCASGQFELEILSMQNVNGELQNGNCCGGVRNPGDRKCTRDE
 CDTYFKVCLKEYQSRVTAGGPCSFGSGSTPVIGGNTFNLKASRGNDRNRIVLPFSFAWPRSYYLLVEAWD
 SSNDTIQPDSIIKASHSGMINPSRQWQTLKQNTGIAHFYQIRVTCDDHYYGFGCNKFCRPRDDFFGHY
 ACDQNGNKTCEGWMGPDCKNAICRQGCSPKHGSKLPGDCRCQYGWQGLYCDKICPHPGCVHGTCEPEW
 QCLCETNWGGQLCDKDLNYCGTHQPCLNRGTCSNTGPDKYQCSCPEGYSGPNCEIAEHACLSDPCHNRGS
 CKETSSGFCECECPGWTGPTCSTNIDDCSPNNCSHGHTCQDLVNGFKVCPPQWTGKTCQLDANECEAKP
 CVNARSKNLIASYYCDCLPGWMGQNCIDININDCLGQCQNDASCRDLVNGYRCICPPGYAGDHCERDIDE
 CASNPCLNGGHCQNEINRFQCLCPTGFSGNLCQLDIDYCEPNPCQNGAQCYNRASDYFCKCPEDYEGKNC
 SHLKDHCRTTTCVIDSCTVAMASNDTPEGVRYISSNVCGPHGKCKSQSGGKFTCDCNKGFTGTYCHENI
 NDCESNPCKNGGTCIDGVNSYKICSDGWEGAHCENNINDCSQNPCHYGGTCRDLVNDVFCCKNGWKGK
 TCHSRDSQCDEATCNGGTCYDEVDTFKCMCPGGWEGTTCNIARNSSCLPNPCHNGGTCVVGNDSTFCVC
 KEGWEGPICTQNTNDCSPHPCYNSGTCVDGDNWYRCECAPGFAGPDCRININECQSSPCAFGATCVDEIN
 GYQCICPPGHSGAKCHEVSGRSCITMGRVILDGAKWDDDCNTCQCLNGRVACSKVWCGRPRCRLHKSHNE
 CPSGQSCIPVLDQCFVRPCTGVGECRSSSLQPVKTKCTSDSYQDNCANITFTFNKEMMSPGLTTEHIC
 SELRNLNILKNVSAEYSIYIACEPLSANNEIHVAISAEDIRDDGNPVKEITDKIIDLVSKRDGNSSLIA
 AVAEVRVQRRPLKNRTDFLVPLSSVLTVAWVCLVAFYWCVRKRRKPSSTHTSAPEDNTTNNVREQLN
 QIKNPIEKHGANTVPIKDYENKNSKMSKIRTHNSEVEEDMDKHQKQVRFKQPVYTLVDREKAPSGPT
 TKHPNWTNKQDNRDLESAQSLNRMEYIV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 134.6 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_038850
Locus ID:	16449
UniProt ID:	Q9QXX0 , Q3UVN4
RefSeq Size:	5493
Cytogenetics:	2
RefSeq ORF:	3654
Synonyms:	ABE2; Gsfabe2; Htu; Ozz; Ser-1
Summary:	Ligand for multiple Notch receptors and involved in the mediation of Notch signaling. May be involved in cell-fate decisions during hematopoiesis. Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation (By similarity). May regulate fibroblast growth factor-induced angiogenesis.[UniProtKB/Swiss-Prot Function]