

Product Information

MemDX™ Membrane Protein Human JAG2 (Jagged canonical Notch ligand 2) Full Length

Cat. No.: **MPC3010K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human JAG2 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

JAG2

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MRAQGRGRLPRRLLLLLALWVQAARPMGYFELQLSALRNVNGELLSGACC
DGDGRTTRAGGCGHDECPTYVRVCLKEYQAKVTPTGPCSYGHGATPVLGG
NSFYLPAGAAGDRARARARAGGDQDPGLVVIPFQFAWPRSFTLIVEAWD
WDNDTTPNEELLIERVSHAGMINPEDRWKSLHFSGHVAHLELQIRVRCDE
NYYSATCNKFCRPRNDDFFGHYTCQYGNKACMDGWMGKECKEAVCKQGCN
LLHGGCTVPGECRCYGWQGRFCDECVPYPGCVHGSCEVPWQCNCETNWG
GLLCDKDLNYCGSHHPCTNGGTCINAEPDQYRCTCPDGYSGRNCEKAEHA
CTSNPCANGGSCHEVPSGFECCHCPSGWSGPTCALDIDECASNPCAAGGTC
VDQVDGFECICPEQWVGATCQLDANECEGKPCLNAFSCKNLIGGYCDCI
PGWKGINCHINVNDCRGQCQHGCTCKDLVNGYQCVCPRGFGGRHCELERD
ECASSPCHSGGLCEDLADGFHCHCPQGFSGPLCEVDVDLCEPSPCRNGAR
CYNLEGDYYCACPDFFGGKNCVPREPCPGGACRVIDGCGSDAGPGMPGT
AASGVCBPHGRCVSPQGGNFSCICDSGFTGTYPHENIDDLGQPCRNGGT
CIDEVDAFRFCPSGWEGELCDTNPNDCLPDPCHSRGRCYDLVNDFYCAC
DDGWKGKTCHSREFQCDAYTCSNGGTCYDSGDTFRACPPGWKGSTCAVA
KNSSCLPNPCVNGGTCVGSASFSCICRDGWEGRTCTHNTNDCNPLPCYN
GGICVDGVNWFRCCEAPGFAGPDCRINIDECQSSPCAYGATCVDEINGYR
CSCPPGRAGPRCQEVIGFGRSCWSRGTFPHGSSWVEDCNCRCLDGRRD
CSKVWCGWKPCLLAGQPEALSAQCPLGQRCLKAPGQCLRPPCEAWGECG
AEEPPSTPCLPRSGHLDNNCARLTLHFNRDHVPQGTTVGAICSGIRSLPA
TRAVARDRLVLCDRASSGASAVEVAVSFSPARDLPDSSLIQGAHAIV
AAITQRGNSSLLAVTEVKVETVVTGGSSTGLLVPLCGAFSVLWLACVV
LCVWWTRKRRKERERSRLPREESANNQWAPLNPIRNPIERPGGHKDVLYQ
CKNFTPPPRRADEALPGPAGHAAREDEDEDLGRGEEDSLEAEKFLSHK

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

JAG2

Full Name

Jagged canonical Notch ligand 2

Introduction

The Notch signaling pathway is an intercellular signaling mechanism that is essential for proper embryonic 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 ligands that activate Notch and related receptors. Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

JAG2; HJ2; SER2; protein jagged-2; jagged 2; Jagged canonical Notch ligand 2

Gene ID

[3714](#)

UniProt ID

[Q9Y219](#)