PRELID1 cDNA Clone – PRELI Domain Containing 1 (Human)

PRODUCT OVERVIEW

Product Name	PRELID1, cDNA Clone
Full Product Name	PRELID1 cDNA Clone
Product Gene Name	PRELID1 cdna clone
Sequence	atggtgaagt atttcctggg ccagagcgtg ctccggagtt cctgggacca agtgttcgcc gccttctggc agcggtaccc gaatccctat agcaaacatg tcttgacgga agacatagta caccgggagg tgacccctga ccagaaactg ctgtcccggc gactcctgac caagaccaac aggatgccac gctgggccga gcgactattt cctgccaatg ttgctcactc ggtgtacgtc ctggaggact ctattgtgga cccacagaat cagaccatga ctaccttcac ctggaacatc aaccacgccc ggctgatggt ggtggaggaa cgatgtgttt actgtgtgaa ctctgacaac agtggctgga ctgaaatccg ccgggaagcc tgggtctcct ctagcttatt tggtgtctcc agagctgtcc aggaatttgg tcttgcccgg ttcaaaagca acgtgaccaa gactatgaag ggttttgaat atatcttggc taagctgcaa ggcgaggccc cttccaaaac acttgttgag acagccaagg aagccaagga gaaggcaaag gagacggcac tggcagctac agagaaggcc aaggacctcg ccagcaaggc ggccaccaag aagcagcagc agcagcaaca gtttgtgtag
Molecular Weight	24,068 Da
OMIM	605733
Vector	pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PRELID1 cdna clone	MBS1276457 is a cDNA clone targeting PRELID1.
Other Notes	Small volumes of PRELID1 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRELID1. It may not necessarily be applicable to this product.

NCBI GI #	33875090
NCBI GeneID	27166
NCBI Accession #	BC000007
UniProt Secondary Accession #	Q549N2; Q9UI13; Q9UJS9; B2R5F7; D6RD25
UniProt Related Accession #	Q9Y255
NCBI Official Full Name	Homo sapiens PRELI domain containing 1, mRNA
NCBI Official Synonym Full Names	PRELI domain containing 1
NCBI Official Symbol	PRELID1
NCBI Official Synonym Symbols	PX19; PRELI; SBBI12; CGI-106
UniProt Protein Name	PRELI domain-containing protein 1, mitochondrial
UniProt Synonym Protein Names	25 kDa protein of relevant evolutionary and lymphoid interest; Px19-like protein
Protein Family	PRELI domain-containing protein
UniProt Gene Name	PRELID1

UniProt Synonym Gene Names	PRELI
UniProt Entry Name	PRLD1_HUMAN
NCBI Protein Information	PRELI domain-containing protein 1, mitochondrial
NCBI Summary for PRELID1	This gene encodes a member of the late embryogenesis abundant motif-containing protein family. The encoded protein is localized to mitochondria and may function as a cytoprotectant by regulating cell death and differentiation. Alternative splicing results in multiple transcript variants encoding different isoforms. Several related pseudogenes have been identified. [provided by RefSeq, Nov 2012]
UniProt Comments for PRELID1	PRELID1: May be important for the development of vital and immunocompetent organs. Chromosomal Location of Human Ortholog: 5q35.3 Cellular Component: mitochondrial intermembrane space; mitochondrion; nucleoplasm; protein complex Molecular Function: protein binding Biological Process: immune response; multicellular organismal development; negative regulation of apoptosis; regulation of apoptosis; regulation of mitochondrial membrane potential; regulation of T cell differentiation
Research Articles on PRELID1	**1.** PRELI plays an important role in the suppression of apoptosis in HepG2 cells in response to oxidative stress.
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