CIAPIN1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	CIAPIN1, Blocking Peptide
Full Product Name	CIAPIN1 Blocking Peptide
Product Gene Name	CIAPIN1 blocking peptide
Product Synonym Names	2810413N20Rik; Anamorsin; CIAPIN 1; CIAPIN1; CPIN1_HUMAN; Cytokine induced apoptosis inhibitor 1; Cytokine-induced apoptosis inhibitor 1; DRE2; Fe-S cluster assembly protein DRE2 homolog; Predicted protein of HQ0915; PRO0915
Antibody/Peptide Pairs	CIAPIN1 peptide (MBS9631598) is used for blocking the activity of CIAPIN1 antibody (MBS9629215)
Molecular Weight	32,213 Da
OMIM	608943
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CIAPIN1 blocking peptide	MBS9631598 is a blocking peptide targeting CIAPIN1.
Other Notes	Small volumes of CIAPIN1 blocking peptide 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 CIAPIN1. It may not necessarily be applicable to this product.

NCBI GI #	89274169
NCBI GeneID	57019
NCBI Accession #	NP_064709.2
UniProt Primary Accession #	Q6FI81
UniProt Secondary Accession #	O75206; O75207; Q9H0W1; Q9P1L7; A8K8B6
UniProt Related Accession #	Q6FI81
GenBank Nucleotide #	NM_020313.2
NCBI Official Full Name	anamorsin
NCBI Official Synonym Full Names	cytokine induced apoptosis inhibitor 1
NCBI Official Symbol	CIAPIN1
NCBI Official Synonym Symbols	DRE2; PRO0915; Anamorsin; 2810413N20Rik
UniProt Protein Name	Anamorsin
UniProt Synonym Protein Names	Cytokine-induced apoptosis inhibitor 1; Fe-S cluster assembly protein DRE2 homolog
Protein Family	Anamorsin

UniProt Gene Name	CIAPIN1
UniProt Entry Name	CPIN1_HUMAN
NCBI Protein Information	anamorsin; CIAPIN1; cytokine-induced apoptosis inhibitor 1; fe-S cluster assembly protein DRE2 homolog; predicted protein of HQ0915
NCBI Summary for CIAPIN1	CIAPIN1 is a cytokine-induced inhibitor of apoptosis with no relation to apoptosis regulatory molecules of the BCL2 (MIM 151430) or CASP (see MIM 147678) families. Expression of CIAPIN1 is dependent on growth factor stimulation (Shibayama et al., 2004 [PubMed 14970183]).[supplied by OMIM, Mar 2008]
UniProt Comments for CIAPIN1	CIAPIN1: May be required for the maturation of extramitochondrial Fe/S proteins. Has anti-apoptotic effects in the cell. Involved in negative control of cell death upon cytokine withdrawal. Promotes development of hematopoietic cells. Belongs to the anamorsin family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Apoptosis Chromosomal Location of Human Ortholog: 16q21 Cellular Component: nucleoplasm; cytoplasm; nucleolus; mitochondrial intermembrane space Molecular Function: 2 iron, 2 sulfur cluster binding; protein binding; electron carrier activity; metal ion binding Biological Process: apoptosis; iron-sulfur cluster assembly; hemopoiesis; negative regulation of apoptosis
Research Articles on CIAPIN1	**1.** the 25-kDa cleaved fragment of anamorsin was detected in post-mortem brains of Alzheimer and Parkinson disease patients
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