



Human DNAJB9 blocking peptide (CDBP1851)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MDG1/DNAJB9 antibody
Antigen Description	This gene is a member of the J protein family. J proteins function in many cellular processes by regulating the ATPase activity of 70 kDa heat shock proteins. This gene is a member of the type 2 subgroup of DnaJ proteins. The encoded protein is localized to the endoplasmic reticulum. This protein is induced by endoplasmic reticulum stress and plays a role in protecting stressed cells from apoptosis. [provided by RefSeq, Dec 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	DNAJB9 DnaJ (Hsp40) homolog, subfamily B, member 9 [Homo sapiens (human)]
Official Symbol	DNAJB9
Synonyms	DNAJB9; DnaJ (Hsp40) homolog, subfamily B, member 9; MDG1; ERdj4; MDG-1; MST049; MSTP049; dnaJ homolog subfamily B member 9; ER-resident protein ERdj4; endoplasmic reticulum DnaJ homolog 4; endoplasmic reticulum DNA J domain-containing protein 4;

microvascular endothelial differentiation gene 1 protein;

Entrez Gene ID

[4189](#)

mRNA Refseq

[NM_012328.2](#)

Protein Refseq

[NP_036460.1](#)

UniProt ID

Q6F1F1

Chromosome Location

7q31; 14q24.2-q24.3

Pathway

Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Unfolded Protein Response, organism-specific biosystem;

Function

misfolded protein binding; protein binding;