



# Human DNAJB9 blocking peptide (CDBP1851)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-MDG1/DNAJB9 antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">DNAJB9 DnaJ (Hsp40) homolog, subfamily B, member 9 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	DNAJB9
<b>Synonyms</b>	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;

<b>Entrez Gene ID</b>	<a href="#">4189</a>
<b>mRNA Refseq</b>	<a href="#">NM_012328.2</a>
<b>Protein Refseq</b>	<a href="#">NP_036460.1</a>
<b>UniProt ID</b>	Q6FIF1
<b>Chromosome Location</b>	7q31; 14q24.2-q24.3
<b>Pathway</b>	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;
<b>Function</b>	misfolded protein binding; protein binding;