

Recombinant Human DNAJB9, GST-tagged

Cat. No. DNAJB9-12070H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human DNAJB9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 26-223a.a.

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.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name DNAJB9 DnaJ (Hsp40) homolog, subfamily B, member 9 [Homo sapiens]

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Official Symbol	DNAJB9
Synonyms	DNAJB9; DnaJ (Hsp40) homolog, subfamily B, member 9; MDG1; dnaJ homolog subfamily B member 9; endoplasmic reticulum DnaJ homolog 4; microvascular endothelial differentiation gene 1 protein; ERdj4; MDG-1; MST049; MSTP049; DKFZp564F1862;
Gene ID	4189
mRNA Refseq	NM_012328
Protein Refseq	NP_036460
MIM	602634
UniProt ID	Q9UBS3
Chromosome Location	7q31
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Unfolded Protein Response, organism-specific biosystem;
Function	heat shock protein binding; misfolded protein binding; protein binding; unfolded protein binding;

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