

Recombinant Full Length Human DNAJB5 Protein, GST-tagged

Cat. No. DNAJB5-3982HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJB5 full-length ORF (AAH12115, 1 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	386 amino acids
Description	This gene encodes a member of the DNAJ heat shock protein 40 family of co-chaperone proteins. The encoded protein contains an N-terminal DNAJ domain and a C-terminal substrate binding domain but lacks the cysteine-rich domain found in other DNAJ family members. In mice, a multi-protein complex containing this protein, thioredoxin 1, and histone deacetylase 4, serves as a master negative regulator of cardiac hypertrophy. [provided by RefSeq, Mar 2017]
Molecular Mass	67.98 kDa
AA Sequence	MGKDYYKILGIPSGANEDEIKKAYRKMALKYHPDKNKEPNAAEEKFKEIAEAYDVLSDP KKRGLYDQYGE EGLKTGGGTSGGSSGSFHYTFHGDPHATFASFFGGSNPFDIFFAS SRSTRPFSGFDPDDMDVDEDEDPFGAFGFRGFNGLSRGPRRAPEPLYPRRKVQDP PVVHEL RVSL EEIYHGSTKRMKITRRRLNPDGRTVRTEDKILHIVIKRGWKEGTKITFP KEGDATPDNIPADIVFLKDKPHAHFRRDGTNVLYSALISLKEALCGCTVNIPTIDGRV IPLPCNDVIKPGTVKRLRGEGLPFPKVPTQRGDLIVEFKVRFPDRLTPQTRQILKQQY PQHSLHSMCTQLDVHWT LATFSKMQKKATGFGQENVPVPDPF

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DNAJB5 DnaJ (Hsp40) homolog, subfamily B, member 5 [Homo sapiens]
Official Symbol	DNAJB5
Synonyms	DNAJB5; DnaJ (Hsp40) homolog, subfamily B, member 5; dnaJ homolog subfamily B member 5; Hsc40; heat shock cognate 40; heat shock protein Hsp40-2; heat shock protein Hsp40-3; heat shock protein cognate 40;
Gene ID	25822
mRNA Refseq	NM_001135004
Protein Refseq	NP_001128476
MIM	611328
UniProt ID	O75953

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