

Recombinant Human DNAJC6, GST-tagged

Cat. No. DNAJC6-12089H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJC6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	387-733a.a.
Description	DNAJC6 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus, a glycine/phenylalanine (G/F)-rich region, and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain (Ohtsuka and Hata, 2000 [PubMed 11147971]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	DNAJC6 DnaJ (Hsp40) homolog, subfamily C, member 6 [Homo sapiens]
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Official Symbol	DNAJC6
Synonyms	DNAJC6; DnaJ (Hsp40) homolog, subfamily C, member 6; putative tyrosine-protein phosphatase auxilin; auxilin; KIAA0473; dnaJ homolog subfamily C member 6; DnaJ (Hsp40) homolog, subfamily B, member 6; DJC6; MGC48436; MGC129914; MGC129915;
Gene ID	9829
mRNA Refseq	NM_001256864
Protein Refseq	NP_001243793
MIM	608375
UniProt ID	O75061
Chromosome Location	1p31.3
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	SH3 domain binding; heat shock protein binding; hydrolase activity; protein tyrosine phosphatase activity;