

Recombinant Full Length Human DNAJC6 Protein, GST-tagged

Cat. No. DNAJC6-4023HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJC6 full-length ORF (NP_055602.1, 1 a.a. - 913 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	913 amino acids
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]).[supplied by OMIM, Mar 2008]
Molecular Mass	126.4 kDa
AA Sequence	MKDSEKNGASSPDMEPSYGGGLFDMVKGGAGRLFSNLKDNLKDTLKDTSSRVIQS VTSYTKGDLDFTYVTSRIIVMSFPLDNVDIGFRNQVDDIRSFLDSRHLHDHYTVYNLSP KSYRTAKFHSRVSECSWPIRQAPSLHNLFAVCRNMYNWLLQNPKNVCVVHCLDGR AASSILVGAMFIFCNLYSTPGPAIRLLYAKRPGIGLSPSHRRYLGYMCDLLADKPYRP HFKPLTIKSITVSPIPFFNKQRNGCRPYCDVLIGETKIYSTCTDFERMKEYRVQDGKIFI PLNITVQGDVVVSMYHLRSTIGSRLQAKVTNTQIFQLQFHTGFIPLDTTVLKFTKPELD ACDVPEKYPQLFQVTLDELQPHDKVIDLTPPWEHYCTKDVNPSILFSSHQEHQDTL

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ALGGQAPIDIPPDNPRHYGQSGFFASLCWQDQKSEKSFCEEDHAALVNQEQSD
 DELLTLSSPHGNANGDKPHGVKKPSKKQEPAAAPPPEDVDLLGLEGSAMSNSFSP
 PAAPPTNSELLSDLFGGGGAAGPTQAGQSGVEDVFHPSGPASTQSTPRRSATSTS
 ASPTLRVGEATFDPFGAPSKPSGQDLLGSFLNTSSASSDPFLQPTRSPSPVHAS
 STPAVNIQPDVSGGWDWHAKPGGFGMGSKSAATSPTGSSHGTPTHQSKPQTLDP
 FADLGTLGSSSFASKPTTPTGLGGGFPLSSPQKASPQPMGGGWQQGGAYNWQQ
 PQPKPQSPMPHSSPQNRPNYNVSFSAMPGGQNERGKGSSNLEGKQKAADFEDLL
 SGQGFNAHKDKKGPRTIAEMRKEEMAKEMDPEKLKILEWIEGKERNIRALLSTMHTV
 LWAGETKWKPVGMADLVTPEQVKKVYRKAVLVVHPDKATGQPYEQYAKMIFMELN
 DAWSEFENQGQKPLY

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

DNAJC6 DnaJ (Hsp40) homolog, subfamily C, member 6 [Homo sapiens]

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;

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MGC129915;	
Gene ID	9829
mRNA Refseq	NM_001256864
Protein Refseq	NP_001243793
MIM	608375
UniProt ID	O75061

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