

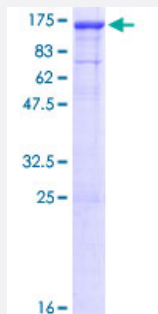
Full-Length

DNAJC6 (Human) Recombinant Protein (P01)

Catalog # H00009829-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DNAJC6 full-length ORF (NP_055602.1, 1 a.a. - 913 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKDSENKGASSPDMEPSYGGGLFDMVKGGAGRLFSNLKDNLKD TLKDTSSRVIQSVTSYTKGDL
DFTYVTSRIVMSFPLDNVDIGFRNQVDDIRSFLDSRHLDDHYTVYNLSPKSYRTAKFHSRVSECSWP
IRQAPSLHNLFAVCRNMYNWLLQNPKNVCVHCLDGRAASSILVGAMFIFCNLYSTPGPAIRLLYA
KRPGLGLSPSHRRYLGYMCDLLADKPYRPHFKPLTIKSITVSPIPFFNKQRNGCRPYCDVLIGETKIY
STCTDFERMKEYRVQDGKIFIPLNITVQGDVVVSMYHLRSTIGSRLQAKVTNTQIFQLQFHTGFIPLD
TTVLKFTKPELDACDVPEKYPQLFQVTLDELQPHDKVIDLTPPWEHYCTKDVNPSILFSSHQEH
QDTLALGGQAPIDIPDNPRHYGQSGFFASLCWQDQKSEKSFCEEDHAALVNQESEQSDDDELT
LSSPHGNANGDKPHGVKKPSKKQQEPAAPPPPEDVDLLGLEGSAMSNSFSPPAAPPTNSELLS
DLFGGGGAAGPTQAGQSGVEDVFHPSGPASTQSTPRRSATSTASPTLRVGEATFDPFPGAPS
KPSGQDLLGSFLNTSSASSDPFLQPTRSPSTVHASSTPAVNIQPDVSGGWDWHAKPGGFGMG
SKSAATSPTGSSHGTPTHQSKPQTLDPFADLGLTSSSFASKPTTPTGLGGGFPLSSPQKASP
QPMGGGWQQGGAYNWQQPQPKPQPSMPHSSPQNRPNYNVSFSAMPGGQNERGKGSSNLEG
KQKAADFEDLLSGQGFNAHKDKKGPRTAEMRKEEMAKEMDPEKLKILEWIEGKERNIRALLSTM
HTVLWAGETKWKPVGMA DLVTPEQVKKVYRKAVLVVHPDKATGQPYEQYAKMIFMELNDAWSE
FENQGQKPLY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

126.4

Interspecies Antigen Sequence

Mouse (93); Rat (91)

Preparation Method[in vitro wheat germ expression system](#)**Purification**

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DNAJC6

Entrez GeneID[9829](#)**GeneBank Accession#**[NM_014787.2](#)**Protein Accession#**[NP_055602.1](#)**Gene Name**

DNAJC6

Gene Alias

DJC6, KIAA0473, MGC129914, MGC129915, MGC48436

Gene Description

DnaJ (Hsp40) homolog, subfamily C, member 6

Omim ID[608375](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

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]

Other Designations

DnaJ (Hsp40) homolog, subfamily B, member 6|auxilin

Pathway

- [Endocytosis](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)