

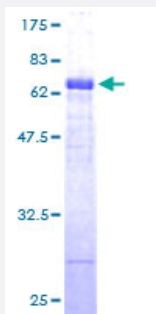
Full-Length

DNAJB11 (Human) Recombinant Protein (P01)

Catalog # H00051726-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DNAJB11 full-length ORF (AAH01144, 1 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPQNLSTFCLLLLYLIGAVIAGRDFYKILGVPRASIKDIKKAYRKLALQLHPDRNPDDPQAQKEF
QDLGAAYEVLSDSEKRKQYDTYGEEGLKDGHQSSHGDFSHFFGDFGFMFGGTTPRQQDRNIPRG
SDIIVDLEVTLEEVYAGNFVEVVRNKPVARQAPGKRKCNCRQEMRTTQLGPGRFQMTQEVCDE
CPNVKLVNEERTLEVEIEPGVRDGMETPFEGEGEPHVDGEPDLRFRIKVVKHPIFERRGDDLYTN
VTISLVESLVGFEMDITHLDGHKVVHISRDKITRPGAKLWKKGEGLPNFDNNNIKGSLITFDVDFPKE
QLTEEAREGIKQLLKQGSVQKVYNGLQGY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.12

Interspecies Antigen Sequence

Mouse (98); Rat (98)

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 — DNAJB11

Entrez GeneID[51726](#)**GeneBank Accession#**[BC001144](#)**Protein Accession#**[AAH01144](#)**Gene Name**

DNAJB11

Gene Alias

ABBP-2, ABBP2, DJ9, EDJ, ERdj3, ERj3, HEDJ, PRO1080, UNQ537, hDj9

Gene Description

DnaJ (Hsp40) homolog, subfamily B, member 11

Omim ID[611341](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

DNAJB11 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 C-terminal cysteine-rich region (Ohtsuka and Hata, 2000 [PubMed 1147971]).[supplied by OMIM]

Other Designations

ER-associated DNAJ protein 3|ER-associated Hsp40 co-chaperone|PWP1-interacting protein 4

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)