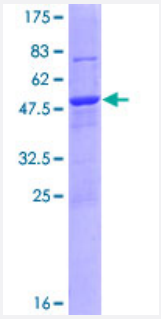
Full-Length

DNAJB8 (Human) Recombinant Protein (P01)

Catalog # H00165721-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DNAJB8 full-length ORF (NP_699161.1, 1 a.a. - 232 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MANYYEVLGVQASASPEDIKKAYRKLALRWHPDKNPDNKEEAEKKFKLVSEAYEVLSDSKKRSL YDRAGCDSWRAGGGASTPYHSPFDTGYTFRNPEDIFREFFGGLDPFSFEFWDSPFNSDRGGRG HGLRGAFSAGFGEFPAFMEAFSSFNMLGCSGGSHTTFSSTSFGGSSSGSSGFKSVMSSTEMIN GHKVTTKRIVENGQERVEVEEDGQLKSVTVNGKEQLKWMDSK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.1
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 — DNAJB8

Entrez GeneID	165721
GeneBank Accession#	NM_153330.2
Protein Accession#	NP_699161.1
Gene Name	DNAJB8
Gene Alias	DJ6, MGC33884
Gene Description	DnaJ (Hsp40) homolog, subfamily B, member 8
Omim ID	611337
Gene Ontology	Hyperlink
Gene Summary	DNAJB8 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 homolog, subfamily B, member 8