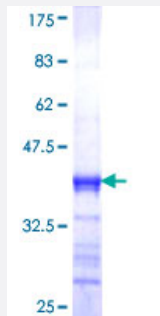


DNAJB12 (Human) Recombinant Protein (Q01)

Catalog # H00054788-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DNAJB12 partial ORF (NP_060096, 10 a.a. - 119 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RCISIALKAIQSNQPDRALRFLEKAQRLYPTPRVRALIESLNQKPQTAGDQPPPTDTHATHRKAGG TDAPSANGEAGGESTKGYTAEQVAAVKRVKQCKDYYEILGVSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (94); Rat (93)
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 — DNAJB12

Entrez GeneID	54788
---------------	-----------------------

GeneBank Accession#	NM_017626
---------------------	---------------------------

Protein Accession#	NP_060096
--------------------	---------------------------

Gene Name	DNAJB12
-----------	---------

Gene Alias	DJ10, DKFZp586B2023
------------	---------------------

Gene Description	DnaJ (Hsp40) homolog, subfamily B, member 12
------------------	--

Omim ID	608376
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary	DNAJB12 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	-
--------------------	---