

Recombinant Full Length Human DNAJB12 Protein, GST-tagged

Cat. No. DNAJB12-3961HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJB12 full-length ORF (NP_001002762.1, 1 a.a. - 375 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	375 amino acids
Description	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, Mar 2008]
Molecular Mass	68.3 kDa
AA Sequence	MESNKDEAERCISIALKAIQSNQPDRLRFLEKAQRLYPTPRVRALIESLNQKPQTAG DQPPPTDTHATHRKAGGTDAPSANGEAGGESTKGYTAEQVA AVKRVKQCKDYEE ILGVSRGASDEDLKKAYRRLALKFHPDKNHAPGATEAFKAIGTAYAVLSNPEKRKQY DQFGDDKSQAARHGHGHGDFHRGFEADISPEDLFNMFFGGGFPSSNVHVYSNGR MRYTYQQRQDRRDNQGDGGLGVFVQLMPILILILVSALSQLMVSSPPYSLSPRPSV GHIHRRVTDHLGVVYYVGDTFSEEYTGSSLKTVERNVEDDYIANLRNNCWKEKQKQK

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EGLLYRARYFGDMDYHRAQKMGTTPSCSRLSEVQASLHG

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

DNAJB12 DnaJ (Hsp40) homolog, subfamily B, member 12 [Homo sapiens]

Official Symbol

DNAJB12

Synonyms

DJ10; DJB12_HUMAN; DKFZp586B2023; DnaJ (Hsp40) homolog, subfamily B, member 12; DnaJ homolog subfamily B member 12; Dnajb12;

Gene ID

54788

mRNA Refseq

NM_001002762

Protein Refseq

NP_001002762

MIM

608376

UniProt ID

J3KPS0

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