

Chaperone protein dnaJ 2 (ATJ2), Recombinant Protein

Cat RP01967

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Chaperone protein dnaJ 2 (ATJ2)

Product Gene Name

ATJ2 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MFGRGPSRKS DNTKFYEILG VPKTAAPEDL KKAYKKAAIK NHPDKGGDPE KFKELAQAYE VLSDPEKREI
YDQYGEDALK EGMGGGGGGH DPFDFSSFF GSGGHPFGSH SRGRRQRRGE DVVHPLKVSL EDVYLGTTKK
LSLSRKALCS KCNGKGSKSG ASMKCGGCQG SGMKISIRQF GPGMMQQVQH ACNDCKGTGE TINDRDRCPQ
CKGEKVVSEK KVLEVNVEKG MQHNQKITFS GQADEAPDTV TGDIVFVIQQ KEHPKFKRKG EDLFVEHTIS
LTEALCGFQF VLTHLDRQL LIKSKPGEVV KPDSYKAISD EGMPIYQRPF MKGKLYIHFT VEFPELSLSPD
QTKAIEAVLP KPTKAAISDM EIDDCEETTL HDVNIEDEMK RKAQAQREAY DDDEEDHPGG AQRVQC

Sequence Positions

1-416, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

46,438 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

NCBI Accession

NP_568412.1

NCBI GI

18420428

NCBI GenBank Nucleotide

NM_122127.3

NCBI GeneID

832267

NCBI Official Full Name

DNAJ homologue 2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
J2 Cell)

NCBI Official Synonym Symbols

ARABIDOPSIS THALIANA DNAJ HOMOLOGUE 2; ATJ2; DNAJ homologue 2

NCBI Protein Information

DNAJ homologue 2

NCBI Summary

Co-chaperonin similar to E. coli DnaJ

UniProt Gene Name

ATJ2

UniProt Synonym Gene Names

A2; ATJ; AtDjA2

UniProt Protein Name

Chaperone protein dnaJ 2

UniProt Primary Accession

P42825

UniProt Secondary Accession

Q43293; Q9C582

UniProt Related Accession

P42825

UniProt Comments

Have a continuous role in plant development probably in the structural organization of compartments.

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