Recombinant Rat DnaJ homolog subfamily A member 2 (Dnaja2)

Product Code	CSB-EP007000RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35824
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MANVADTKLY DILGVPPGAS ENELKKAYRK LAKEYHPDKN PNAGDKFKEI SFAYEVLSNP EKRELYDRYG EQGLREGSGG GGGMDDIFSH IFGGGLFGFM GNQSRSRNGR RRGEDMMHPL KVSLEDLYNG KTTKLQLSKN VLCSACSGQG GKSGAVQKCS ACRGRGVRIM IRQLAPGMVQ QMQSVCSDCN GEGEVINEKD RCKKCEGKKV IKEVKILEVH VDKGMKHGQR ITFTGEADQA PGVEPGDIVL FVQEKEHEVF QRDGNDLHMT YKIGLVEALC GFQFTFKHLD ARQIVVKYPP GKVIEPGCVR VVRGEGMPQY RNPFEKGDLY IKFDVQFPEN NWINPDKLSE LEDLLPSRPE VPNVIGETEE VELQEFDSTR GSGGGQRREA YNDSSDEESS SHHGPGVQC
Source	E.coli
Target Names	Dnaja2
Protein Names	Recommended name: DnaJ homolog subfamily A member 2 Alternative name(s): RDJ2
Expression Region	1-409
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein 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. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.