Recombinant Human DnaJ homolog subfamily A member 2 (DNAJA2)

Product Code	CSB-MP007000HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60884
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
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 LLQEKEHEVF QRDGNDLHMT YKIGLVEALC GFQFTFKHLD GRQIVVKYPP GKVIEPGCVR VVRGEGMPQY RNPFEKGDLY IKFDVQFPEN NWINPDKLSE LEDLLPSRPE VPNIIGETEE VELQEFDSTR GSGGGQRREA YNDSSDEESS SHHGPGVQC
Source	Mammalian cell
Target Names	DNAJA2
Protein Names	Recommended name: DnaJ homolog subfamily A member 2 Alternative name(s): Cell cycle progression restoration gene 3 protein Dnj3 Short name= Dj3 HIRA-interacting protein 4 Renal carcinoma antigen NY-REN-14
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.