

Recombinant Human DNAJB1 Protein

Catalog #	Source	Reactivity	Applications
CRP1448	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human DNAJB1 Protein is produced by our E. coli expression system and the target gene encoding Gly2-Ile340 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.4.		
Gene Symbol	DNAJB1		
Alternative Names	DNAJ1; HDJ1; HSPF1; DnaJ homolog subfamily B member 1; DnaJ protein homolog 1; Heat shock 40 kDa protein 1; HSP40; Heat shock protein 40; Human DnaJ protein 1; hDj-1		
Entrez Gene	3337 (Human)		
SwissProt	P25685 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>GKDYYQTLGL ARGASDEEIK RAYRRQALRY HPDKNKEPGA EEKFKEIAEA YDVLSDPRKR</p> <p>EIFDRYGEEG LKSGSPSGGS GGGANGTSFS YTFHGDPHAM FAEFFGGRNP FDTFFGQRNG</p> <p>EEGMDIDDPF SGFPMGMGGF TNVNFGRSRS AQEPARKKQD PPVTHDLRVS LEEIYSGCTK</p> <p>KMKISHKRLN PDGKSIRNED KILTIEVKKG WKEGTKITFP KEGDQTSNNI PADIVFVLKD</p> <p>KPHNIFKRDG SDVIYPARIS LREALCGCTV NVPTLDGRTI PVVFKDVIRP GMRRKVPGEG</p> <p>LPLPKTPEKR GDLIEFEVI FPERIPQTSR TVLEQVLPIL EHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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