

DNAJB1 抗原（重组蛋白）

中文名称：DNAJB1 抗原（重组蛋白）

英文名称：DNAJB1 Antigen (Recombinant Protein)

别名：Hdj1; Sis1; HSPF1; Hsp40; RSPH16B

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human DNAJB1

技术规格：

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|---------------------------|--|
| Full name: | DnaJ (Hsp40) homolog, subfamily B, member 1 |
| Synonyms: | Hdj1; Sis1; HSPF1; Hsp40; RSPH16B |
| Swissprot: | P25685 |
| Gene Accession: | BC002352 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| Background: | DnaJ homolog subfamily B member 1 is a protein that in humans is encoded by the DNAJB1 gene. Heat shock protein 40 (HSP 40) family proteins bind to HSP 70 through their J-domain and regulate the function of HSP 70 by stimulating HSP 70 ATPase activity. HSP 40, also known as DnaJ, functions together with DnaK (HSP 70) and GrpE as a molecular chaperone, involving them in assembly and disassembly of protein complexes, protein folding, renaturation of denatured proteins, prevention of protein aggregation and protein export. HSP 40 stimulates the association between HSC 70 |

and HIP and translocates rapidly from the cytoplasm to the nuclei
, and especially to the nucleoli, upon heat shock.