

DNAJA1 抗原（重组蛋白）

中文名称： DNAJA1 抗原（重组蛋白）

英文名称： DNAJA1 Antigen (Recombinant Protein)

别名： DnaJ (Hsp40) homolog, subfamily A, member 1; DJ-2; DjA1; HDJ2; HSDJ; HSJ2; HSPF4; NEDD7; hDJ-2

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 206-397 amino acids of human DNAJA1

技术规格

Full name:	DnaJ (Hsp40) homolog, subfamily A, member 1
Synonyms:	DJ-2; DjA1; HDJ2; HSDJ; HSJ2; HSPF4; NEDD7; hDJ-2
Swissprot:	P31689
Gene Accession:	BC008182
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-like proteins interact with HSP 70 molecular chaperones and function to facilitate protein folding and mitochondrial protein import. HSP 40-4, also known as HDJ2, is the human DnaJ homolog that functions as a co-chaperone with a cysteine-rich zinc finger domain. The cellular redox enzyme thioredoxin interacts with HSP 40-4, and oxidation and reduction reversibly regulate HSP 40-4 function in response to the changing redox states of the c

ell. The zinc finger domain of HSP 40-4 may act as a redox sensor or of chaperone-mediated protein-folding machinery, since HSP 40-4 inactivation leads to the oxidation of cysteine thiols and a simultaneous release of coordinated zinc. Loss of the HSP 40-4 protein may be linked to severe defects in spermatogenesis that involve aberrant androgen signaling.