

Recombinant Human DNAJC10, GST-tagged

Cat. No. DNAJC10-12072H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJC10 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-104a.a.
Description	This gene encodes an endoplasmic reticulum co-chaperone which is part of the endoplasmic reticulum-associated degradation complex involved in recognizing and degrading misfolded proteins. The encoded protein reduces incorrect disulfide bonds in misfolded glycoproteins. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	DNAJC10 DnaJ (Hsp40) homolog, subfamily C, member 10 [Homo sapiens]
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Official Symbol	DNAJC10
Synonyms	DNAJC10; DnaJ (Hsp40) homolog, subfamily C, member 10; dnaJ homolog subfamily C member 10; ERdj5; PDIA19; protein disulfide isomerase family A; member 19; MTHr; macrothioredoxin; ER-resident protein ERdj5; protein disulfide isomerase family A, member 19; J-domain-containing protein disulfide isomerase-like protein; JPDI; MGC104194; DKFZp434J1813;
Gene ID	54431
mRNA Refseq	NM_018981
Protein Refseq	NP_061854
MIM	607987
UniProt ID	Q8IXB1
Chromosome Location	2q32.1
Pathway	Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	ATPase activator activity; ATPase binding; chaperone binding; disulfide oxidoreductase activity; electron carrier activity; heat shock protein binding; misfolded protein binding; protein binding; protein disulfide oxidoreductase activity; unfolded protein