

Recombinant Full Length Human DNAJC10 Protein, GST-tagged

Cat. No. DNAJC10-3991HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJC10 full-length ORF (BAB55263.1, 1 a.a. - 793 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	793 amino acids
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. [provided by RefSeq, Oct 2012]
Molecular Mass	117.5 kDa
AA Sequence	MGVWLNKDDYIRD LKRIILCFLIVYMAILVGTDQDFYSLLGVSKTASSREIRQAFKKLA LKLHPDKNPNNPNAHGDFLKINRAYEVLKDEDLRKKYDKYGEKGLEDNQGGQYES WNYRYDFGIYDDDPEIITLERREFDAAVNSGELWVFNFYSPGCSHCHDLAPTWRD FAKEVDGLLRIGAVNCGDDRMLCRMKGVNSYPSLFIFRSGMAPVKYHGDRSKESLV SFAMQHVRSTVTTELWTGNFVNSIQTAFAAGIGWLITFC SKGGDCLTSQTRLRLSGML DGLVNVGWMDCATQDNLCKSLDITTSTTAYFPPGATLNNKEKNSILFLNSLDAKEIYL EVIHNLPDFELLSANTLEDRLAHHRWLLFFHFGKNENSNDPELKKLKTLLKNDHIQVG

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RFDCSSAPDICSNLYVFQPSLAVFKGQGTKEYEIHGKKILYDILAFAKESVNSHVTTL
 GPQNFPANDKEPWLVDFFAPWCPPCRALLPELRRASNLLYGQLKFGTLDCTVHEGL
 CNMYNIQAYPTTVFNQSNIEHEYEGHSAEQILEFIEDLMNPSVVSLTPTTFNELVTQ
 RKHNEVWMVDFYSPWCHPCQVLMPEWKRMARTLTGLINVGSIDCQQYHSFCAQE
 NVQRYPEIRFFPPKSNKAYHYHSYNGWNRDAYSLRIWGLGFLPQVSTDLPQTFSE
 KVLQGKNHWIDFYAPWCGPCQNFAPFELLARMIKGKVKAGKVDCQAYAQCQK
 AGIRAYPTVKFYFYERAKRNFQEEQINTRDAKAI AALISEKLETLRNQGKRNKDEL

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DNAJC10 DnaJ (Hsp40) homolog, subfamily C, member 10 [Homo sapiens]

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;

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Gene ID	54431
mRNA Refseq	NM_018981
Protein Refseq	NP_061854
MIM	607987
UniProt ID	Q8IXB1

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