

Recombinant Human DNAJC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJC1-3373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAJC1 MS Standard C13 and N15-labeled recombinant protein (NP_071760) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The membrane protein encoded by this gene is a DNAJ-like heat shock protein that binds the molecular chaperone BiP. In addition, the encoded protein contains two SANT domains that have been shown to bind serpin alpha1-antichymotrypsin and inter-alpha trypsin inhibitor heavy chain 4.
Molecular Mass	63.9 kDa
AA Sequence	MTAPCSQPAQLPGRRLGLVPFPPPPRTPLLWLLLLLLAAVAPARGWESGDLELF DLVEEVQLNIFYQFLGVQQDASSADIRKAYRKLSLTLHPDKNKDENAETQFRQLVAIY EVLKDDERRQRYDDILINGLPDWRQPVFYRRVRKMSNAELALLFIILTVGHYAVV WSIYLEKQLDELLSRKKREKKKKTGSKSVDVSKLGASEKNERLLMKPQWHDLLPCK LGIWFCLTLKALPHLIQDAGQFYAKYKETRLKEKEDALTRTELETQKQKKVKKPKPE FPVYTPLETTYIQSYDHGTSIEEIEEQMDDWLENRNRTQKKQAPEWTEEDLSQLTRS MVKFPGGTPGRWEKIAHELGRSVTDVTTKAKQLKDSVTCSPGMVRLSELKSTVQNS RPIKTATTLPPDDMITQREDAEGVAAEEEQEGDSGEQETGATDARPRRRKPARLLEA TAKPEPEEKSRAKRQKDFDIAEQNESSDEESLRKERARSAEEPWTQNQQKLLELAL

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QQYPRGSSDRWDKIARCVPSKSKEDCIARYKLLVELVQKKKQAKSTRTRPLEQKLIS
EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DNAJC1 DnaJ heat shock protein family (Hsp40) member C1 [Homo sapiens (human)]

Official Symbol DNAJC1

Synonyms DNAJC1; DnaJ (Hsp40) homolog, subfamily C, member 1; dnaJ homolog subfamily C member 1; DNAJL1; ERdj1; MTJ1; DnaJ-like protein; dnaJ protein homolog MTJ1; HTJ1; MGC131954;

Gene ID 64215

mRNA Refseq NM_022365

Protein Refseq NP_071760

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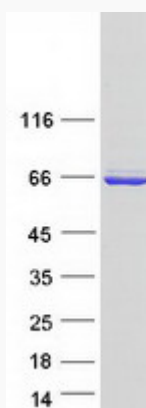
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MIM 611207

UniProt ID Q96KC8

SDS-PAGE



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