

Recombinant Human DNAJC2 Protein, MYC/DDK-tagged

Cat. No. DNAJC2-2388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJC2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene is a member of the M-phase phosphoprotein (MPP) family. The gene encodes a phosphoprotein with a J domain and a Myb DNA-binding domain which localizes to both the nucleus and the cytosol. The protein is capable of forming a heterodimeric complex that associates with ribosomes, acting as a molecular chaperone for nascent polypeptide chains as they exit the ribosome. This protein was identified as a leukemia-associated antigen and expression of the gene is upregulated in leukemic blasts. Also, chromosomal aberrations involving this gene are associated with primary head and neck squamous cell tumors. This gene has a pseudogene on chromosome 6. Alternatively spliced variants which encode different protein isoforms have been described.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	65.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	DNAJC2 DnaJ (Hsp40) homolog, subfamily C, member 2 [Homo sapiens]
Official Symbol	DNAJC2
Synonyms	MPHOSPH11; MPP11; ZRF1; ZUO1
Gene ID	27000
mRNA Refseq	NM_001129887
Protein Refseq	NP_001123359
MIM	605502
UniProt ID	Q99543

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