

Recombinant Human DNAJC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJC3-564H Lot. No. (See product label)

SPECIFICATION

Product Overview	DNAJC3 MS Standard C13 and N15-labeled recombinant protein (NP_006251) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein with multiple tetratricopeptide repeat (TPR) motifs as well as the highly conserved J domain found in DNAJ chaperone family members. It is a member of the tetratricopeptide repeat family of proteins and acts as an inhibitor of the interferon-induced, dsRNA-activated protein kinase (PKR).
Molecular Mass	57.6 kDa
AA Sequence	MVAPGSVTSRLGVSFPFLLVLVDLQYEGAECGVNADVEKHLELGKKLLAAGQLADA LSQFHAAVDGDPDNYIAYRRATVFLAMGKSKAALPDLTKVIQLKMDFTAARLQRGH LLLKQGKLDEAEDDFKKVLKSNPSENEEKEAQSqliksdemqrlrsqalnafgsgd YTAAIAFLDKILEVCVWDAELRELRAECFIKEGEPKKAISDLKAASKLKNNDTEAFYKI STLYYQLGDHELSEVRECLKLDQDHKRCFAHYKQVKKLNKLIESAEELIRDGRYT DATSKYESVMKTEPSIAEYTVRSKERICHCFKDEKPVFAIRVCSEVLQMEPDNVNA LKDRAEAYLIEEMYDEAIQDYETAQEHNENDQQIREGLEKAQRLLKQSQRDYYKIL GVKRNAKKQEIIKAYRKLALQWHPDNFQNEEEKKKAEKKFIDIAAAKEVLSDPENRK KFDDGEDPLDAESQGGGGNPFHRSWNSWQGFNPFSSGGPFRFKFHFNTRTRPL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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 DNAJC3 DnaJ heat shock protein family (Hsp40) member C3 [Homo sapiens (human)]

Official Symbol DNAJC3

Synonyms DNAJC3; DnaJ (Hsp40) homolog, subfamily C, member 3; PRKRI; dnaJ homolog subfamily C member 3; HP58; P58; P58IPK; protein kinase inhibitor p58; protein kinase inhibitor of 58 kDa; interferon-induced, double-stranded RNA-activated protein kinase inhibitor; protein-kinase, interferon-inducible double stranded RNA dependent inhibitor; FLJ21288;

Gene ID 5611

mRNA Refseq NM_006260

Protein Refseq NP_006251

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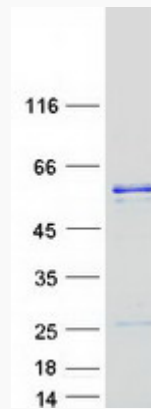
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MIM 601184

UniProt ID Q13217

SDS-PAGE



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