

Recombinant Human DNAJC27 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJC27-4713H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAJC27 MS Standard C13 and N15-labeled recombinant protein (NP_057628) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	GTPase which can activate the MEK/ERK pathway and induce cell transformation when overexpressed. May act as a nuclear scaffold for MAPK1, probably by association with MAPK1 nuclear export signal leading to enhanced ERK1/ERK2 signaling.
Molecular Mass	30.9 kDa
AA Sequence	MEANMPKRKEPGRSLRIKVISMGNAEVKGSCIIKRYCEKRFVSKYLATIGIDYGVTKV HVRDREIKVNIFDMAGHPFFYEVVRNEFYKDTQGVILVYDVGQKDSFDALDAWLAEM KQELGPHGNMENIIFVVCANKIDCTKHRCVDESEGRLWAESKGFYFETSAQTGEGI NEMFQTFYISIVDLCEGNGKRPTTNSSASFTKEQADAIRRIRNSKDSWDMLGVKPGA SRDEVNKAYRKLAVLLHPDKCVAPGSEDAFKAVVNARTALLKNIKTRTRPLEQKLISE EDLAANDILDYKDDDDKV
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

 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

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 DNAJC27 DnaJ heat shock protein family (Hsp40) member C27 [Homo sapiens (human)]

Official Symbol DNAJC27

Synonyms DNAJC27; DnaJ (Hsp40) homolog, subfamily C, member 27; rab and DnaJ domain containing, RBJ; dnaJ homolog subfamily C member 27; RabJS; Ras-associated protein Rap1; rab and DnaJ domain-containing protein; RBJ; DKFZp434N211;

Gene ID 51277

mRNA Refseq NM_016544

Protein Refseq NP_057628

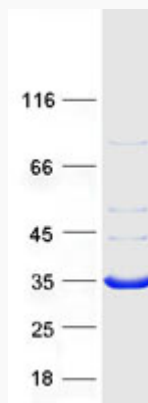
MIM 613527

UniProt ID Q9NZQ0

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SDS-PAGE

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