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	MEANMPKRKEPGRSLRIKVISMGNAEVGKSCIIKRYCEKRFVSKYLATIGIDYGVTKV HVRDREIKVNIFDMAGHPFFYEVRNEFYKDTQGVILVYDVGQKDSFDALDAWLAEM KQELGPHGNMENIIFVVCANKIDCTKHRCVDESEGRLWAESKGFLYFETSAQTGEGI NEMFQTFYISIVDLCENGGKRPTTNSSASFTKEQADAIRRIRNSKDSWDMLGVKPGA 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

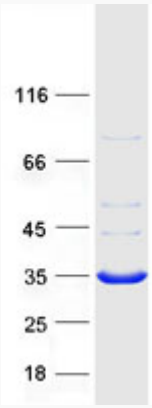
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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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