

## Product datasheet for PH305500

### RBJ (DNAJC27) (NM\_016544) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DNAJC27 MS Standard C13 and N15-labeled recombinant protein (NP_057628)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205500
Predicted MW:	30.9 kDa
Protein Sequence:	>RC205500 protein sequence Red=Cloning site Green=Tags(s)  MEANMPKRKEPGRSLRIKVISMGNAEVGKSCIIKRYCEKRFVSKYLATIGIDYGVTKVHVRDREIKVNIF DMAGHPFFYEVRNEFYKDTQGVILVYDVGQKDSFDALDAWLAEMKQELGPHGNMENIIFVVCANKIDCTK HRCVDESEGRLLWAESKGFLYFETSAQTGEGINEMFQTFYISIVDLCENGGKRPTTNSSASFKEQADAIR RIRNSKDSWMLGVKPGASRDEVNKAYRKLAVLLHPDKCVAPGSEDAFKAVVNARTALLKNIK  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_057628</a>
RefSeq Size:	5008
RefSeq ORF:	819
Synonyms:	RabJS; RBJ
Locus ID:	51277
UniProt ID:	<a href="#">Q9NZQ0</a>



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Cytogenetics: 2p23.3

**Summary:** 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.[UniProtKB/Swiss-Prot Function]

**Product images:**



Coomassie blue staining of purified DNAJC27 protein (Cat# [TP305500]). The protein was produced from HEK293T cells transfected with DNAJC27 cDNA clone (Cat# [RC205500]) using MegaTran 2.0 (Cat# [TT210002]).