

Product datasheet for PH305500

OriGene Technologies, Inc.

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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:HumanExpression Host:HEK293

Expression cDNA Clone

RC205500

or AA Sequence: Predicted MW:

30.9 kDa

Protein Sequence: >RC205500 protein sequence

Red=Cloning site Green=Tags(s)

MEANMPKRKEPGRSLRIKVISMGNAEVGKSCIIKRYCEKRFVSKYLATIGIDYGVTKVHVRDREIKVNIF DMAGHPFFYEVRNEFYKDTQGVILVYDVGQKDSFDALDAWLAEMKQELGPHGNMENIIFVVCANKIDCTK HRCVDESEGRLWAESKGFLYFETSAQTGEGINEMFQTFYISIVDLCENGGKRPTTNSSASFTKEQADAIR RIRNSKDSWDMLGVKPGASRDEVNKAYRKLAVLLHPDKCVAPGSEDAFKAVVNARTALLKNIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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: NP 057628

RefSeq Size: 5008 RefSeq ORF: 819

Synonyms: RabJS; RBJ Locus ID: 51277

UniProt ID: Q9NZQ0





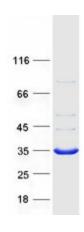
Cytogenetics: 2p23.3

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]).