

Product datasheet for TP305500

OriGene Technologies, Inc.

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RBJ (DNAJC27) (NM_016544) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human Dnal (Hsp40) homolog, subfamily C, member 27 (DNA|C27), 20

μg

Species: Human Expression Host: HEK293T

Expression cDNA Clone >RC205500 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MEANMPKRKEPGRSLRIKVISMGNAEVGKSCIIKRYCEKRFVSKYLATIGIDYGVTKVHVRDREIKVNIF DMAGHPFFYEVRNEFYKDTQGVILVYDVGQKDSFDALDAWLAEMKQELGPHGNMENIIFVVCANKIDCTK HRCVDESEGRLWAESKGFLYFETSAQTGEGINEMFQTFYISIVDLCENGGKRPTTNSSASFTKEQADAIR RIRNSKDSWDMLGVKPGASRDEVNKAYRKLAVLLHPDKCVAPGSEDAFKAVVNARTALLKNIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 30.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 057628

Locus ID: 51277



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UniProt ID: Q9NZQ0 5008 RefSeq Size: Cytogenetics: 2p23.3 RefSeq ORF: 819

Synonyms: RabJS; RBJ

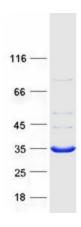
Summary: GTPase which can activate the MEK/ERK pathway and induce cell transformation when

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]).