

## Product datasheet for TP305500L

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

### RBJ (DNAJC27) (NM\_016544) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human DnaJ (Hsp40) homolog, subfamily C, member 27 (DNAJC27), 1

mg

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:  $>0.05 \mu g/\mu L$  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



#### RBJ (DNAJC27) (NM\_016544) Human Recombinant Protein - TP305500L

UniProt ID:Q9NZQ0RefSeq Size:5008Cytogenetics:2p23.3RefSeq ORF:819

Synonyms: RabJS; RBJ

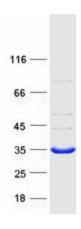
**Summary:** GTPase which can activate the MEK/ERK pathway and induce cell transformation when

 $over expressed. \ May\ act\ as\ a\ nuclear\ scaffold\ for\ MAPK1,\ probably\ by\ association\ with\ MAPK1$ 

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]).