

## Product datasheet for TP305500L

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

MEANMPKRKEPGRSLRIKVISMGNAEVLGKSCIIKRYCEKRFVSKYLATIGIDYGVTKVHVRDREIKVNIF  
DMAGHPFFYEVRFNEFYKDTQGVILVYDVGQKDSFDALDAWLAEMKQELGPHGNMENIIFVVCANKIDCTK  
HRCVDESEGRLWAESKGLFYFETSAQTGEGINEMFQTFYISIVDLCENGGKRPTTSSASFTKEQADAIR  
RIRNSKDSWDM LGVKPGASRDEVNKAYRKLAVLLHPDKCVAPGSEDAFKAWNARTALLKNIK

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:	<a href="#">NP_057628</a>
Locus ID:	51277



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UniProt ID:	<a href="#">Q9NZQ0</a>
RefSeq Size:	5008
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]).