

Product datasheet for **TP305636**

RBKS (NM_022128) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human ribokinase (RBKS), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC205636 protein sequence
Red=Cloning site **Green**=Tags(s)

MAASGEPQRQWQEEVAAVVVWGSCMTDLVSLTSRLPKTGETIHGHKFFIGFGGKGANQCVQAARLGAMT
S
MVCKVGKDSFGNDYIENLKQNDISTEFTYQTKDAATGTASIIVNNEGQNIIVIVAGANLLLNTEDLRAAA
NVISRAKVMVCQLEITPATSLEALTMARRSGVKTLFNPAPAIADLDPQFYTLSDVFCCNESEAEILTGLT
VGSAADAGEAALVLLKRGQCQWIITLGAEGCVLSQTEPEPKHIPTEKVKAVDTTGAGDSFVGALAFYLA
YYPNLSLEDMLNRSNFIAAVSVQAAGTQSSYPYKKDLPLTLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

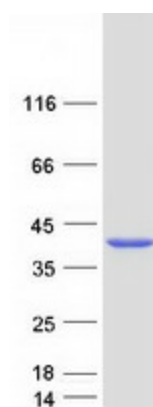
Tag: C-Myc/DDK
Predicted MW: 34 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity 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_071411](#)
Locus ID: 64080



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UniProt ID:	Q9H477
RefSeq Size:	1276
Cytogenetics:	2p23.2
RefSeq ORF:	966
Synonyms:	RBSK; RK
Summary:	This gene encodes a member of the carbohydrate kinase PfkB family. The encoded protein phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]
Protein Families:	Druggable Genome
Protein Pathways:	Pentose phosphate pathway

Product images:



Coomassie blue staining of purified RBKS protein (Cat# TP305636). The protein was produced from HEK293T cells transfected with RBKS cDNA clone (Cat# [RC205636]) using MegaTran 2.0 (Cat# [TT210002]).