

Product datasheet for TP504688

Rbks (NM_153196) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ribokinase (Rbks), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204688 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAACGEPGRPWQEEEEAAVWVGSCMTDLVSLTSRLPKTGETIHGHEFFIGFGGKGANQCVQAARLGAKA AIVCKVGNDSFGNDYIENLKQNHISTEFTYQTRDAATGTASIIVNNEGQNIIVIVAGANLFLNSEDLKKA ASVISRAKVMICQLEISPAASLEALTMARRSGVKTLFNPAPAMADLDPQFYTLSSIFCCNESEAEILTGH AVSDPTTAGKAAMILLERGCQVVITLGASGCVILSQAEPVPKHIPTEAVKAVDTTGAGDSFVGALAFYL AAYPNLSLEEMLKRSNFIAAVSVQATGTQSSYPYKDLPLALF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	34.1 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
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 after receiving vials.
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_694876
Locus ID:	71336
UniProt ID:	Q8R1Q9



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RefSeq Size: 1047

Cytogenetics: 5 B1

RefSeq ORF: 972

Synonyms: 5230400M11Rik; AI326806; RBSK; RK

Summary: Catalyzes the phosphorylation of ribose at O-5 in a reaction requiring ATP and magnesium. The resulting D-ribose-5-phosphate can then be used either for sythesis of nucleotides, histidine, and tryptophan, or as a component of the pentose phosphate pathway.
[UniProtKB/Swiss-Prot Function]