

Recombinant Mouse Rbks Protein, Myc/DDK-tagged

Cat. No. Rbks-5408M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ribokinase (Rbks), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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 synthesis of nucleotides, histidine, and tryptophan, or as a component of the pentose phosphate pathway.
Molecular Mass	34.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rbks ribokinase [Mus musculus (house mouse)]
Official Symbol	Rbks
Synonyms	RBKS; ribokinase; RBSK; AI326806; 5230400M11Rik
Gene ID	71336
mRNA Refseq	NM_153196
Protein Refseq	NP_694876
UniProt ID	Q8R1Q9

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