

Riboflavin Kinase Human Recombinant

Item Number	rAP-1745
Synonyms	Riboflavin kinase, ATP:riboflavin 5'-phosphotransferase, Flavokinase, RFK, RIFK, FLJ11149, RP11-422N19.2.
Description	Flavokinase Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 182 amino acids (1-162 a.a.) and having a molecular mass of 20.5kDa. Flavokinase is fused to 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q969G6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPRADCIMRH LPYFCRGQVV RGFGRGSKQL GIPTANFPEQ VVDNLPADIS TGIYYGWASV GSGDVHKMNV SIGWNPYYKN TKKSMETHIM HTFKEDFYGE ILNVAIVGYL RPEKNFDSLE SLISAIQGD IEEAKRLELP EHLKIKEDNF FQVSKSKIMNGH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Flavokinase although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze thaw cycles.
Formulation and Purity	The Flavokinase solution containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**