

Adenine Phosphoribosyltransferase Human Recombinant

Item Number	rAP-1986
Synonyms	EC 2.4.2.73, MGC125857, AMP diphosphorylase, Adenine phosphoribosyltransferase, APRT, AMP, MGC125856, MGC129961, DKFZp686D13177.
Description	APRT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 180 amino acids (1-180 a.a.) and having a molecular mass of 19.6 kDa. The APRT is purified by conventional chromatography.
Uniprot Accesion Number	P07741
Amino Acid Sequence	MADSELQLVE QRIRSFDFP TPGVVFRDIS PVLKDPASFR AAIGLLARHL KATHGGRIDY IAGLDSRGFL FGPSLAQELG LGCVLIRKRG KLPGPTLWAS YSLEYGKAEL EIQKDALEPG QRVVVVDDLL ATGGTMNAAC ELLGRLQAEV LECVSLVELT SLKGREKLAP VPFSSLLQYE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The protein solution contains 20mM Tris-HCl pH-8, 1mM DTT 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**