

Phosphoribosyl Pyrophosphate Synthetase 2 Human Recombinant

Item Number	rAP-1883
Synonyms	Phosphoribosyl Pyrophosphate Synthetase 2, Phosphoribosyl Pyrophosphate Synthase II, Ribose-Phosphate Diphosphokinase 2, EC 2.7.6.1, PRS-II, Ribose-Phosphate Pyrophosphokinase 2, PPRibP Synthetase , PRS II, PPRibP, PRSII,
Description	PRPS2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 344 amino acids (1-321 a.a) and having a molecular mass of 37.4kDa.
Uniprot Accesion Number	P11908
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMPNIVLF SGSSHQDLSQ RVADRLGLEL GKVVTKKFSN QETSVEIGES VRGEDVYIIQ SGCGEINDNL MELLIMINAC KIASSSRVTA VIPCFPYARQ DKKDKVGESR APISAKLVAN MLSVAGADHI ITMDLHASQI QGFFDIPVDN LYAEPVLQW IRENIAEWKN CIIVSPDAGG AKRVTSIADR LNVEFALHK ERKKANEVDR MVLVGDVKDR VAILVDDMAD TCGTICHAAD KLLSAGATKV YAILTHGIFS GPAISRINNA AFEAVVVTNT IPQEDKMKHC TKIQVIDISM ILAEAIRRTH NGESVSYLFS HVPL.
Source	E.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	PRPS2 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 90% 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**