

32-7000: PRPS2 Human(Discontinued)

Alternative Name : 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, Ribose-phosphate pyrophosphokinase 2.

Description

Source: E.coli.

Sterile Filtered colorless solution.

Phosphoribosyl Pyrophosphate Synthetase 2, also known as PRPS2 is a member of the ribose-phosphate pyrophosphokinase family. PRPS2 catalyzes the synthesis of 5-phosphoribosyl 1-pyrophosphate from ATP and D-ribose 5-phosphate.

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. PRPS2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 90% as determined by SDS-PAGE.

Content : PRPS2 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Storage condition : 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.

Amino Acid : MGSSHHHHH SSGLVPRGSH MGSM PNIVLF SGSSHQDLSQ RVADRLGLEL GKVVTKKFSN QETSVEIGES VRGEDVYIIQ SGCGEINDNL MELLIMINAC KIASSSRVTA VIPCFPYARQ DKKDKVGESR APISAKLVAN MLSVAGADHI ITMDLHASQI QGFFDIPVDN LYAEPVLQW IRENIAEWKN CIIVSPDAGG AKRVTSIADR LNVEFALHK ERKKANEVDR MVLVGDKDR VAILVDDMAD TCGTICHAAD KLLSAGATKV YAILTHGIFS GPAISRINNA AFEAVVTNT IPQEDKMKHC TKIQVIDISM ILAEAIRRTH NGESVSYLFS HVPL.