
Product Data Sheet

Product Name: PRPS2 Human
 Cat. No.: GP22615
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Phosphoribosyl Pyrophosphate Synthetase 2; PhosphoribosylPyrophosphate 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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPNIVLF SGSSHQDLSQ RVADRLGLEL GKVVTKKFSN QETSVEIGESVRGEDVYIIQ SGCGEINDNL MELLIMINAC KIASSSRVTA VIPCFPYARQ DKKDKVGESR APISAKLVANMLSVAGADHI ITMDLHASQI QGFFDIPVDN LYAEPVLQW IRENIAEWKN CIIVSPDAGG AKRVTSIADRLNVEFALIHK ERKKANEVDR MVLVGDVKDR VAILVDDMAD TCGTICHAAD KLLSAGATKV YAILTHGIFSGPAISRINNA AFEAVVVTNT IPQEDKMKHC TKIQVIDISM ILAEAIRRTH NGESVSYLFS HVPL.		
Formulation	PRPS2 protein solution (1mg/ml) containing Phosphatebuffered saline (pH7.4), 10% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA