

Recombinant Human PRPS2 protein (Tagged)
ab199576

Description	
Product name	Recombinant Human PRPS2 protein (Tagged)
Purity	> 90 % SDS-PAGE. Expressed in E.coli as inclusion bodies. The final product was refolded using a unique temperature shift inclusion body refolding technology and chromatographically purified.
Expression system	Escherichia coli
Accession	P11908
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFPNVLFSGS SHQDLSQRVADR LGLELGKVVTKKFSNQETSVEIGESVRGEDVYIQSGCGEI NDNLMELLI MINACKIASSSRVTAVIPCFPYARQDKKDKSRAPISAKLVA NMLSVAGAD HIITMDLHASQIQGFFDIPVDNLYAEPVQLQWIRENIAEWKN CIVSPDA GGAKRVTSIADRLNVEFALIHKERKKANEVDRLVGVGDK DRVAILVDDM ADTCGTICHAADKLLSAGATKVYAILTHGIFSGPAISRINNAA FEAVVVT NTIPQEDKMKHCTKIQVIDISMILAEAIRRTHNGESVSYLFSH VPL
Predicted molecular weight	38 kDa including tags
Amino acids	2 to 318
Additional sequence information	Recombinant full length protein without starter Methionine, constructed with a small T7-His-TEV cleavage site Tag (29 amino acids) fusion at the N-terminal.

Specifications

Our **Abpromise guarantee** covers the use of **ab199576** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00
Constituent: 0.32% Tris HCl

Contains NaCl, KCl, Sucrose and DTT.

General Info

Function Catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis.

Pathway Metabolic intermediate biosynthesis; 5-phospho-alpha-D-ribose 1-diphosphate biosynthesis; 5-phospho-alpha-D-ribose 1-diphosphate from D-ribose 5-phosphate (route I): step 1/1.

Sequence similarities Belongs to the ribose-phosphate pyrophosphokinase family.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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