

## Product datasheet for **AR51154PU-S**

### PPP1R3B (1-285, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	PPP1R3B (1-285, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMMAVDIE YRYNCMAPSL RQERFAFKIS PKPSKPLRPC IQLSSKNEAS GMVAPAVQEK KVKKRVSFAD NQGLALTMVK VFSEFDDPLD MPFNITELLD NIVSLTTAES ESFVLDFSQP SADYLDFRNR LQADHVCLN CVLKDKAIAG TVKVQNLAPE KTVKIRMTFD TWKSYTDFPC QYVKDITYAGS DRDTFSFDIS LPEKIQSYER MEFAVYYECN GQTYWDSNRG KNYRIIRAEL KSTQGMTKPH SGPDLGISFD QFGSPRCSYG LFPEWPSYLG YEKLGPPY
Tag:	His-tag
Predicted MW:	35.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PPP1R3B protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001188258</a>
Locus ID:	79660
UniProt ID:	<a href="#">Q86X16</a>
Cytogenetics:	8p23.1
Synonyms:	GL; PPP1R4; PTG



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**Summary:**

This gene encodes the catalytic subunit of the serine/threonine phosphatase, protein phosphatase-1. The encoded protein is expressed in liver and skeletal muscle tissue and may be involved in regulating glycogen synthesis in these tissues. This gene may be involved in type 2 diabetes and maturity-onset diabetes of the young. Alternate splicing results in multiple transcript variants that encode the same protein.[provided by RefSeq, Jan 2011]

**Protein Families:**

Druggable Genome, Phosphatase

**Protein Pathways:**

Insulin signaling pathway

**Product images:**