

## Product datasheet for **TP304132**

### **PGLS (NM\_012088) Human Recombinant Protein**

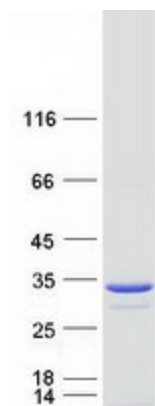
#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 6-phosphogluconolactonase (PGLS), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204132 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MAAPAPGLISVFSSSQELGAALAQLVAQRAACCLAGARARFALGLSGGSLVSMMLARELPAAVAPAGPASL ARWTLGFCDERLVFPDHAESTYGLYRTHLLSRLPIPESQVITINPELPVEEAAEDYAKKLRQAFQGDSIP VFDLLILGVGPDGHTCSLFPDHPDLLQEREKIVAPISDSPKPPPQRVTLTLPVLNAARTVIFVATGEGKAA VLKRILEDQEENPLPAALVQPHTGKLCWFLDEAAARLLTVPFEKHSTL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	27.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_036220</a></u>
Locus ID:	25796
UniProt ID:	<u><a href="#">O95336</a></u>



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RefSeq Size:	1043
Cytogenetics:	19p13.11
RefSeq ORF:	774
Synonyms:	6PGL; HEL-S-304
Summary:	Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	Metabolic pathways, Pentose phosphate pathway

**Product images:**

Coomassie blue staining of purified PGLS protein (Cat# TP304132). The protein was produced from HEK293T cells transfected with PGLS cDNA clone (Cat# [RC204132]) using MegaTran 2.0 (Cat# [TT210002]).