

Product datasheet for **TP304132M**

PGLS (NM_012088) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human 6-phosphogluconolactonase (PGLS), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC204132 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAPAPGLISVFSSSQELGAALQQLVAQRAACCLAGARARFALGLSGGSLVSMMLARELPAAVAPAGPASL
ARWTLGFCDERLVPFDHAESTYGLYRTHLLSRLPIPESQVITINPELVEEAAEDYAKKLRQAFQGDSIP
VFDLLILGVGPDGHTCSLFPDHPDLLQEREKIVAPISDSPKPPPQRVTLTLPVLNAARTVIFVATGEGKAA
VLKRILEDQEENPLPAALVQPHTGKLCWFLDEAAARLLTVPFEKHSTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: [NP_036220](#)

Locus ID: 25796

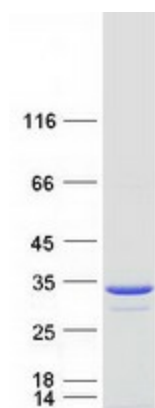
UniProt ID: [O95336](#), [A0A0K0K1K7](#)



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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]).