

## Product datasheet for PH304132

### PGLS (NM\_012088) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PGLS MS Standard C13 and N15-labeled recombinant protein (NP_036220)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204132
Predicted MW:	27.5 kDa
Protein Sequence:	>RC204132 protein sequence Red=Cloning site Green=Tags(s)  MAAPAPGLISVFSSSQELGAALVAQRAACCLAGARARFALGLSGGSLVSMLARELPAAVAPAGPASL ARWTLGFCDERLVPFDHAESTYGLYRTHLLSRLPIPESQVITINPELPVEEAAEDYAKKLRQAFQGDSIP VFDLLILGVGPDGHTCSLFPDHPLLQEREKIVAPISDSPKPPPQRVTLTLPVLNAARTVIFVATGEGKAA VLKRILEDQEENPLPAALVQPHTGKLCWFLDEAAARLLTVPFEKHSTL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_036220</a>
RefSeq Size:	1043
RefSeq ORF:	774
Synonyms:	6PGL; HEL-S-304
Locus ID:	25796
UniProt ID:	<a href="#">O95336</a> , <a href="#">A0A0K0K1K7</a>



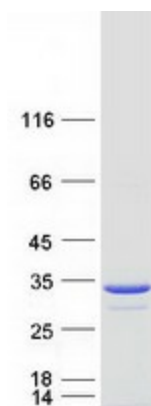
[View online »](#)

Cytogenetics: 19p13.11

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]).