

PRODUCT INFORMATION

Target	PGM1
Synonyms	CDG1T; GSD14
Description	Recombinant protein of human phosphoglucomutase 1 (PGM1)
Delivery	2-3 weeks
Uniprot ID	P36871
Expression Host	HEK293T
Tag	C-Myc/DDK
Molecular Characterization	N/A
Molecular Weight	61.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage & Shipping	Store at -80°C.
Background	<p>The protein encoded by this gene is an isozyme of phosphoglucomutase (PGM) and belongs to the phosphohexose mutase family. There are several PGM isozymes, which are encoded by different genes and catalyze the transfer of phosphate between the 1 and 6 positions of glucose. In most cell types, this PGM isozyme is predominant, representing about 90% of total PGM activity. In red cells, PGM2 is a major isozyme. This gene is highly polymorphic. Mutations in this gene cause glycogen storage disease type 14. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.[provided by RefSeq, Mar 2010]</p>
Usage	Research use only
Conjugate	Unconjugated

