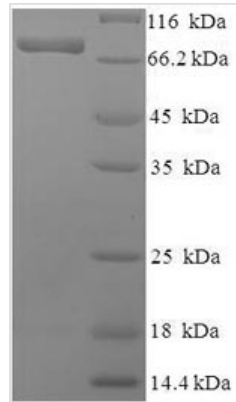




Recombinant Human Phosphoacetylglucosamine mutase(PGM3)

Product Code	CSB-EP017869HU
Relevance	Catalyzes the conversion of GlcNAc-6-P into GlcNAc-1-P during the synthesis of uridine diphosphate/UDP-GlcNAc, a sugar nucleotide critical to multiple glycosylation pathways including protein N- and O-glycosylation.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O95394
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Acetylglucosamine phosphomutaseCurated
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDLGAITKYSALHAKPNGLILQYGTAGFRTKAEHLDHVMFRMGLLAVLRSKQT KSTIGVMVTASHNPEEDNGVKLVDP LGEMLAPSWEEHATCLANAEEQDMQRV LIDISEKEAVNLQQDAFV VIGRDTRPSSEKLSQSVIDGVTVLGGQFHDYGLLTT PQLHYMVYCRNTGGRYGKATIEGYYQKLSKAFVELTKQASCSGDEYRSLKVD CANGIGALKLREMEHYFSQGLSVQLFNDGSKGKLNHLCGAD FVKSHQKPPQG MEIKSNERCCSFDGDADRIVYYH DADGHFHLIDGDKIATLISSFLKELLVEIGE SLNIGVVQTAYANGSSTRYLEEVMKVPVYCTKTGVKHLH HKAQEFDIGVYFEA NGHGTALFSTAVEMKIKQSAEQLEDKKRKA AKMLENIIDL FNQAAGDAISDMLV IEAILALKGLTVQQWDALYTDLPNRQLKVQVADRRVISTTDAERQAVTPPGLQE AINDLVKKYKLSRAFVRPSGTEDVVRVYAEADSQESADHLAHEVSLAVFQLAG GIGERPQPGF
Research Area	Metabolism
Source	E.coli
Gene Names	PGM3
Expression Region	1-542aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	75.9kDa
Protein Description	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.