

Recombinant Human PHGDH protein, His-tagged

Cat. No. PHGDH-852H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHGDH protein(O43175) (Met 1-Phe 533) was expressed in E.coli, fused with a polyhistidine tag at the C-terminus and an initial Met at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-533 aa
Form	Lyophilized from sterile PBS, 100mM Arg, 0.1% Tween20, 20% glycerol, pH 8.0.
Molecular Mass	The recombinant human PHGDH comprises 543 amino acids and has a calculated molecular mass of 58KDa. It migrates as an approximately 55 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name PHGDH phosphoglycerate dehydrogenase [Homo sapiens]

Official Symbol PHGDH

Synonyms PHGDH; phosphoglycerate dehydrogenase; D-3-phosphoglycerate dehydrogenase; PDG; PGDH; SERA; 3-phosphoglycerate dehydrogenase; PGD; PGAD; 3PGDH; 3-PGDH; MGC3017;

Gene ID 26227

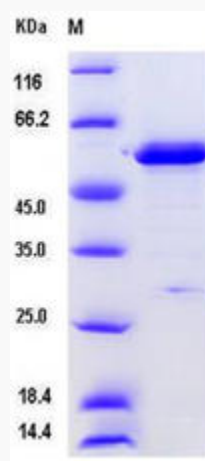
mRNA Refseq NM_006623

Protein Refseq NP_006614

MIM 606879

UniProt ID O43175

SDS-PAGE



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