

Phosphoglucumutase

Product Information

Cat#	DIA-790
Descriptions	Phosphoglucumutase mediates the reversible interconversion between glucose-1-phosphate and glucose-6-phosphate, acts as a key regulatory enzyme linking glycolysis and glycogen metabolism, and supports nucleotide sugar biosynthesis and coupled enzymatic detection systems.
Applications	Phosphoglucumutase is applied in glycogen metabolism detection kit development and nucleotide sugar synthesis assay reagent preparation.
CAS No.	9001-81-4
Enzyme Commission Number	EC 5.4.2.2
Enzyme Source	Rabbit muscle
Synonyms	108333-82-0 [RN]; 2-[(3-Aminopropanoyl)amino]-3-(1H-imidazol-4-yl)propanoic acid; β -Alanylhistidine; carnosine [Wiki]; CARNOSINE, D-; Histidine, β -alanyl-[ACD/Index Name]; β -Alanylhistidin [German] [ACD/IUPAC Name]; β -Alanylhistidine [ACD/IUPAC Name]; β -Alanylhistidine [French] [ACD/IUPAC Name]; (2S)-2-(3-aminopropanamido)-3-(1H-imidazol-5-yl)propanoic acid; 03/06/9001; 2-(3-AMINOPROPANAMIDO)-3-(1H-IMIDAZOL-4-YL)PROPANOICACID; 2-(3-aminopropanamido)-3-(1H-imidazol-5-yl)propanoic acid; 2-(3-AMINOPROPANAMIDO)-3-(3H-IMIDAZOL-4-YL)PROPANOICACID; 2-(3-aminopropanoylamino)-3-(1H-imidazol-5-yl)propanoic acid; 2-(3-aminopropanoylamino)-3-(3H-imidazol-4-yl)propanoic acid; 2-(3-Amino-propionylamino)-3-(3H-imidazol-4-yl)-propionic acid; 2-(3-azaniumylpropanoylamino)-3-(1H-imidazol-5-yl)propanoate; 2,5-diamino-3-(1H-imidazol-5-yl)-4-oxohexanoic acid; 305-84-0 [RN]; 4-25-00-04381 [Beilstein]; 5853-00-9 [RN]; 7683-28-5 [RN]; 8HO6PVN24W; 9001-00-7 [RN]; 9001-19-8 [RN]; 9001-25-6 [RN]; 9001-33-6 [RN]; 9001-36-9 [RN]; 9001-39-2 [RN]; 9001-41-6 [RN]; 9001-53-0

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[RN]; 9001-59-6 [RN]; 9001-64-3 [RN]; 9001-65-4 [RN]; 9001-67-6 [RN]; 9001-73-4 [RN]; 9001-81-4 [RN]; 9001-83-6 [RN]; 9001-87-0 [RN]; 9001-91-6 [RN]; 9001-99-4 [RN]; Bromelain; Chitinase; Diastase from aspergillus oryzae; ficin, powder; Ignotine; KARNOZIN; Karnozin; Laminarinase; L-Carnosine; L-Histidine, N- β -alanyl-; L-HISTIDINE, N- β -ALANYL-; MFCD00131791; MFCD01457370; N-2-M; Papain; Papain from carica papaya; papain, powder, purified; Phosphoglucomutase; Ribonuclease; Ribonuclease A; RibonucleaseA; RNASE A; rnase a, lyophilized powder, high purity; β -alanyl-L-histidine; β -Alanyl-L-histidine; β -Glucuronidase

Activity

≥ 10 U/mg; ≥ 100 U/mg

Storage

Store -20°C for 2 years, sealed and away from light.
