

Product Datasheet

Glycerol-3-phosphate Dehydrogenase (GPDH), Rabbit Muscle 276-50-1,000

Product Name	Glycerol-3-phosphate Dehydrogenase (GPDH), Rabbit Muscle
Catalog Number	276-50-1,000
Alternative Names	GPDH, G3PDH, GPD, Glycerophosphate Dehydrogenase
Brand	Lee Biosolutions
Form/Appearance	Lyophilized powder from 0.05 M citrate, pH 6.5, with trehalose and PEG 20,000. White to off-white powder
Concentration	≥ 0.3 mg protein/mg (Coomassie)
Storage	-20 °C
Purity	Purified
CAS Number	9075-65-4
Source	Rabbit Muscle
Molecular Weight	75200
Shelf Life	3 years
Biological Activity	≥ 15 U/mg solid
Content	LDH: 0.3% PK: 0.3% TPI: 10% Aldolase: 0.05% Glycerol Kinase: 0.01
Specific Activity	≥ 100 U/mg protein
Unit Definition	One unit will catalyze the reduction of one micromole of dihydroxyacetone phosphate to alpha-glycerophosphate per minute at pH 7.4 and 25°C.