

Recombinant Human GAPDH Protein(Met 1-Glu 335), His-tagged

Cat. No. GAPDH-014H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAPDH Protein(P04406) (Met 1-Glu 335) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Met 1-Glu 335
Form	Supplied as sterile 50mM Tris, 30% glycerol, pH 7.5.
Bio-activity	Measured by its ability to catalyze D-glyceraldehyde 3-phosphate to 3-phosphoglycerate, The specific activity is >2500pmols/min/ug.
Molecular Mass	The recombinant human GAPDH comprises 346 amino acids and migrates as an approximately 38 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 93 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GAPDH glyceraldehyde-3-phosphate dehydrogenase [Homo sapiens]
Official Symbol	GAPDH
Synonyms	GAPDH; glyceraldehyde-3-phosphate dehydrogenase; GAPD; aging-associated gene 9 protein; peptidyl-cysteine S-nitrosylase GAPDH; G3PD; MGC88685;
Gene ID	2597
mRNA Refseq	NM_001256799
Protein Refseq	NP_001243728
MIM	138400
UniProt ID	P04406

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