

GAPDH, 1-335aa, Human, Recombinant, E.coli

Cat.NO.: TP02198

3th Edition

Synonyms:Glyceraldehyde-3-phosphate dehydrogenase, G3PD, GAPD, MGC88685

Description:Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a catalytic enzyme commonly known to be involved in glycolysis. The enzyme exists as a tetramer composed of 36-kDa subunits and has various intracellular functions. GAPDH catalyzes the reversible reduction of 1,3-bisphosphoglycerate to glyceraldehyde 3-phosphate in the presence of NADPH.

Form:Liquid in 20mM Tris pH 8.0, 1mM EDTA, 1mM DTT, 20% glycerol

Molecular Weight:36 kDa (335 aa)

Sequences:

Purity:> 95% by HPLC

Concentration:1 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.