

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Gapdh, 1-333aa, Mouse, His tag, E.coli

产品货号: TP02199

第三版

别名:Glyceraldehyde-3-phosphate dehydrogenase isoform 2, G3PD, GAPD, HEL-S-162eP

描述:Gapdh, also known as glyceraldehyde 3-phosphate dehydrogenase, is an enzyme of 37kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. In addition to this long established metabolic function, Gapdh has recently been implicated in several non-metabolic processes, including transcription activation, initiation of apoptosis, ER to Golgi vesicle shuttling, and fast axonal, or axoplasmic transport. Recombinant mouse Gapdh, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate buffer saline (pH 7.4)containing 20% glycerol 1mM DTT.

分子量:38.2kDa (356aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMVKVGVNGFGRIGRLVTRAAICSGKVEIVAINDPFIDLNYMVYMFQYDSTHGKFN
GTVKAENGLVINGKPITIFQERDPTNIKWGEAGA EYVVESTGVFTTMEKAG AHLKGGAKRVIISAPSADAPMFVMGVN
HEKYDNSLKIVSNASCTTNCLAPLAKVIHDNFGIVEGLMTTVHAITATQKTVDGPSGKLWRDGRGAAQNIIPASTGAAKA
VGKVIPELNGKLTGMAFRVPTPNVSVVDLTCRLEKPAKYDDIKKVVKQASEGPLKGILGYTEDQVVSCDFNSNSHSSTFD
AGAGIALNDNFVKLISWYDNEYGYSNRVVDLMAYMASKE

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.