

Mouse GAPDH Recombinant Protein



RPPB1674

Product Information Protein Information

Product SKU:

RPPB1674

Accession:

P16858

Host:

E.coli.

Protein description:

GAPDH Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 356 amino acids (1-333a.a.) and having a molecular mass of 38.2kDa. GAPDH is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glyceraldehyde-3-phosphate dehydrogenase, GAPDH, Peptidyl-cysteine S-nitrosylase GAPDH, Gapdh, Gapd, Glyceraldehyde-3-phosphate dehydrogenase isoform 2, G3PD, GAPD, HEL-S-162eP.

Formulation:

GAPDH protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT.

Purity:

Greater than 95% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHH SSGLVPRGSH MGSMVKVGVN GFGRIGRLVT RAAICSGKVE IVAINDPFID LNYMVMVFQY
DSTHGKFNGT VKAENGLVI NGKPITIFQE RDPTNIKWGE AGAEYVVEST GVFTTMEKAG AHLKGGAKRV
IISAPSADAP MFVMGVNHEK YDNSLKIVSN ASCTTNCLAP LAKVIHDNFG IVEGLMTTVH AITATQKTVD
GPSGKLWRDG RGAAQNIIPA STGAACKAVGK VIPELNGKLT GMAFRVPTPN VSVVDLTCRL EKPAKYDDIK
KVVKQASEGP LKGILGYTED QVVSCDFNSN SHSSTFDAGA GIALNDNFVK LISWYDNEYG YSNRVVDLMA
YMASKE.

Biological Activity:

Specific activity is > 40 units/mg, and is defined as the amount of enzyme that convert 1.0 umole of glyceraldehyde-3-phosphate to 1,3-Bisphosphoglycerate per minute at pH 8.5 at 37C.