

Mouse PGAM1 Recombinant Protein



RPPB2096

Product Information Protein Information

Product SKU:

RPPB2096

Accession:

Q9DBJ1

Host:

Escherichia Coli.

Protein description:

PGAM1 Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 278 amino acids (1-254) and having a molecular mass of 31.4kDa. PGAM1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear colorless solution.

Synonyms:

Phosphoglycerate mutase 1, BPG-dependent PGAM 1, Phosphoglycerate mutase isozyme B, PGAM-B, Pgam1, Pgam-1, 2310050F24Rik.

Formulation:

The PGAM1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl 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 SGLVPRGSH MGSMAAYKL VLIRHGSAW NLENRFSGWY DADLSPAGHE EAKRGGQALR
DAGYEFDICF TSVQKRAIRT LWTVLDAIDQ MWLPVVRTWR LNERHYGGLT GLNKAETAAK HGAEQVKIWR
RSYDVPPPPM EPDHPFYSNI SKDRRYADLT EDQLPSCESL KDTIARALPF WNEEIVPQIK EGKRVLIAAH
GNSLRGIVKH LEGLSEEAIM ELNLPTGIPI VYELDKNLKP IKPMQFLGDE ETVRKAMEAV AAQGKVKK.

Biological Activity:

Specific activity is >150units/mg, in which One unit will convert 1.0 umole of 3-phosphoglycerate to 2-phosphoglycerate per minute at pH 7.6 at 37C.