

Mouse PDIA3 Recombinant Protein



RPPB2084

Product Information Protein Information

Product SKU:

RPPB2084

Accession:

P27773

Host:

Escherichia Coli.

Protein description:

PDIA3 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 505 amino acids (25-505 a.a) and having a molecular mass of 56.8kDa. PDIA3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colourless solution.

Synonyms:

ERp57, ERp60, ERp61, GRP57, GRP58, HsT17083, P58, PI-PLC, ER60, Protein disulfide-isomerase A3, Disulfide isomerase ER-60, Endoplasmic reticulum resident protein 60, ER protein 60, 58 kDa microsomal protein, Endoplasmic reticulum resident protein 57, ER protein 57, 58 kDa glucose-regulated protein, PDIA3.

Formulation:

PDIA3 protein solution (1mg/ml) containing 20 mM Tris-HCl buffer (pH8.0), 1mM DTT, 0.1M NaCl and 10% glycerol .

Purity:

Greater than 95.0% 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:

MGSSHHHHHH SSGLVPRGSH MGSMSDVLEL TDENFESRVS DTGSAGLMLV EFFAPWCGHC KRLAPEYEAA
ATRLKGIVPL AKVDCTANTN TCNKYGVSGY PTLKIFRDGE EAGAYDGPRT ADGIVSHLKK QAGPASVPLR
TEEEFKKFKIS DKDASVVGFF RDLFSDGHSE FLKAASNLRD NYRFAHTNIE SLVKEYDDNG EGITIFRPLH
LANKFEDKTV AYTEKKMTSG KIKKFIQDSI FGLCPHMTED NKDLIQGKDL LTAYYDVVDYE KNAKGSNYWR
NRVMMVAKKF LDAGHKLNFA VASRKTFSHE LSDFGLESTT GEVPPVAIRT AKGEKFVMQE EFSRDGKALE
QFLQEYFDGN LKRYLKSEPI PESNEGPVKV VVAENFDDIV NEEDKDVLIIE FYAPWCGHCK NLEPKYKELG
EKLSKDPNIV IAKMDATAND VPSPIYEVKGF PTIYFSPANK KLTPKKEGEG RELNDFISYL QREATNPPII
QEEKPKKKKK AQEDL.

Biological Activity:

Specific activity is >15 A650/cm/min/mg,obtained by measuring the increase of insulin precipitation in absorbance at 650nm resulting from the reduction of insulin.