

Mouse PIN1 Recombinant Protein



RPPB2114

Product Information Protein Information

Product SKU:

RPPB2114

Accession:

Q9QUR7

Host:

Escherichia Coli.

Protein description:

PIN1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 188 amino acids (1-165 a.a) and having a molecular mass of 20.8kDa. PIN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 (EC:5.2.1.8), Peptidyl-prolyl cis-trans isomerase Pin1, PPIase Pin1, Pin1, PIN1.

Formulation:

PIN1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4) 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 SGLVPRGSH MGSMADDEKL PPGWEKRMSR SSGRVYFNFH ITNASQWERP SGGSTVGGSS
KNGQGEPKRV RCSHLLVKHS QSRRPSSWRQ EKITRSKEEA LELINGYIQK IKSGEEDFES LASQFSDCSS
AKARGDLGPF SRGQMCKPFE DASFALRTGE MSGPVFTDSG IHILRTE.

Biological Activity:

Specific activity is > 1,200 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAFP-PNA per minute at 37°C in Tris-HCl pH 8.0 using chymotrypsin.