ANGIO-PROTEOMIE
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DATA SHEET

Peptidyl-Prolyl Cis/Trans Isomerase NIMA-Interacting 1 Mouse Recom-

Item Number	rAP-0931
Synonyms	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 (EC:5.2.1.8), Peptidyl-prolyl cis-trans isomerase Pin1, PPIase Pin1, Pin1, PIN1.
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.
Uniprot Accesion Number	Q9QUR7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMADEEKL PPGWEKRMSR SSGRVYYFNH ITNASQWERP SGGSTVGGSS KNGQGEPAKV RCSHLLVKHS QSRRPSSWRQ EKITRSKEEA LELINGYIQK IKSGEED-FES LASQFSDCSS AKARGDLGPF SRGQMQKPFE DASFALRTGE MSGPVFTDSG IHIILRTE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	PIN1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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