

PIM1 Human Recombinant

Item Number	rAP-4544
Synonyms	PIM, Serine/threonine-protein kinase pim-1, PIM1.
Description	PIM1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 274 amino acids (38-290 a.a.) and having a molecular mass of 31.4kDa. PIM1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P11309
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MYQVGPLLGS GFGSVYSGI RVSDNLPVAI KHVEKDRISD WGELPNGTRV PMEVLKLV SSGFSGVIRL LDWFERPDSF VLILRPEPV QDLDFITER GALQEE- LARS FFQVLEAVR HCHNCGVLHR DIKDENILID LNRGELKLID FGSGALLKDT VYDFDGTRV YSPPE- WIRYH RYHGRSAAVW SLGILLYDMV CGDIPFEHDE EIIRGQVFFR QRVSECCQHL IRWCLALRPS DRPTFEEIQN HPWM.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	PIM1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
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**