

PIM2 Human Recombinant

Item Number	rAP-4545
Synonyms	Pim-2 oncogene, Serine/threonine-protein kinase pim-2, Pim-2h, PIM2.
Description	PIM2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 334 amino acids (1-311 a.a) and having a molecular mass of 36.6kDa. PIM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9P1W9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLTKPLQ GPPAPPGTPT PPPGGKDREA FEAEYRLGPL LGKGGFGTVF AGHRLTDRLQ VAIKVIPNR VLGWSPLSDS VTCPLEVALL WKVGAGGGHP GVIRLLDWFE TQEGFMLVLE RPLPAQDLFD YITEKGPLGE GPSRCFFGQV VAAIQHCHSR GVVHRDIK- DE NILIDLRRGC AKLIDFGSGA LLHDEPYTDF DGTRVYSPPE WISRHQYHAL PATVWLSGIL LYDMVCG- DIP FERDQEILEA ELHFPAHVSP DCCALIRRCL APKPSSRPSL EEILLDPWMQ TPAEDVPLNP SKGGPAPLAW SLLP.
Source	Escherichia 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	PIM2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol. Greater than 85.0% 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**