

32-4458: Recombinant Human PIM2

Alternative Name : Pim-2 oncogene, Serine/threonine-protein kinase pim-2, Pim-2h, PIM2.

Description

Source : Escherichia Coli. 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. PIM2 is a serine/threonine protein kinase which is a part of the CAMK family. PIM2 is expressed in various tissues mainly in spleen, thymus, testis and small intestine. PIM2 is implicated in tumor phenotypes and participates in the formation and preservation of Long-Term Potentiation (LTP). PIM2 is also involved in the positive regulation of chondrocyte survival and autophagy in the epiphyseal growth plate.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	PIM2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.
Storage condition :	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 :	MGSSHHHHH SSGLVPRGSH MGSMLTKPLQ GPPAPPGTPT PPPGGKDREA FEAERYRLGPL LGKGGFGTVF AGHRLTDRLQ VAIKVIPIRNR VLGWSPLSDS VTCPLEVALL WKVGAGGGHP GVIRLLDWFE TQEGFMLVLE RPLPAQDLFD YITEKGPLGE GPSRCFFGQV VAAIQHCHSR GVVHRDIKDE NILIDLRRGC AKLIDFGSGA LLHDEPYTDF DGTRVYSPPE WISRHOYHAL PATVWSLGIL LYDMVCGDIP FERDQEILEA ELHFPAHVSP DCCALIRRCL APKPSSRPSL EEILLDPWMQ TPAEDVPLNP SKGGPAPLAW SLLP.

