

Par-6 Partitioning Defective 6 Homolog Beta Human Recombinant

Item Number	rAP-3873
Synonyms	Partitioning defective 6 homolog beta, PAR-6 beta, PAR-6B, PARD6B, PAR6B.
Description	PARD6B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 395 amino acids (1-372) and having a molecular mass of 43.6kDa. PARD6B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BYG5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNRSHRH GAGSGCLGTM EVKSKFGAEF RRFSLERSKP GKFEFYGILL QHVHKIPNVD VLVGYADIHG DLLPINDDN YHKAVSTANP LLRIFIQKKE EADYSAFGTD TLIKKKNVLT NVLRPDNHRK KPHIVISMPQ DFRPVSSIID VDILPETHRR VRLYKYGTEK PLGFYIRDGS SVRVTPHGLE KVPGFISRL VPGGLAQTG LLAVNDEVLE VNGIEVSGKS LDQVTDMMIA NSRNLIITVR PANQRNNVVR NSRTSGSSGQ STDNSLLGYP QQIEPSFEPE DEDSEEDDII IEDNGVPQQI PKAV- PNTESL ESLTQIELSF ESGQNGFIPS NEVSLAAIAS SSNTEFETHA PDQKLEEDG TIITL.
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	The PARD6B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 20% glycerol and 0.2M NaCl. 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**