

PDZ Binding Kinase Human Recombinant

Item Number	rAP-1671
Synonyms	Lymphokine-activated killer T-cell-originated protein kinase, Cancer/testis antigen 84, CT84, MAPKK-like protein kinase, Nori-3, PDZ-binding kinase, Spermatogenesis-related protein kinase, SPK, T-LAK cell-originated protein kinase, PBK, TOPK.
Description	PBK Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 346 amino acids (1-322 a.a) and having a molecular mass of 38.6kDa (Molecular weight on SDS-PAGE will appear higher).PBK is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chro-
Uniprot Accession Number	Q96KB5
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHEGISEN FKTPSKLSEK KKSVCSTPT INIPASPFMQ KLGFGTGVNV YLMKRSPRGL SHSPWAVKKI NPICNDHYRS VYQKRLMDEA KILKSLHHPN IVGY- RAFTEA NDGSLCLAME YGGEKSLNDL IEERYKASQD PFPAAILKV ALNMARGLY LHQEKLLHG DIKSSNVVIK GDFETIKICD VGVSLPLDEN MTVTDPEACY IGTEPWKPKE AVEENGVIDT KADIFAFGLT LWEMMTLSIP HINLSNDDDD EDKTFDESDF DDEAYYAALG TRPPINMEEL DESYQKVIEL FSVCT- NEDPK DRPSAAHIVE ALETDV.
Source	Escherichia Coli.
Physical Appearance and Stability	DCK is supplied as a 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	PBK protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 95.0% 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**