

Protein Kinase, AMP-Activated, Beta 2 non-Catalytic Subunit Human

Item Number	rAP-1684
Synonyms	5'-AMP-activated protein kinase subunit beta-2, AMPK subunit beta-2.
Description	PRKAB2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 296 amino acids (1-272) and having a molecular mass of 32.8kDa. PRKAB2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O43741
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMGNTTS DRVSGERHGA KAARSEGAGG HAPGKEHKIM VGSTDDPSVF SLPDSKLPD KEFVSWQQDL EDSVKPTQQA RPTVIRWSEG GKEVFISGSF NNWSTKIPLI KSHNDFVAIL DLPEGEHQYK FFVDGQWVHD PSEPVTSQL GTINNLIHVK KSDFEVFDAL KLDSMESSET SCRDLSSSPP GPYGQEMYAF RSEERFKSPP ILPPHLLQVI LNKDTNISCD PALLPEP- NHV MLNHLIALSI KDSVMVLSAT HRYKKKYVTT LLYKPI.
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	The PRKAB2 solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH8.0), 10% glycerol and 2M Urea. 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**