

A Kinase Anchor Protein 7 Human Recombinant

Item Number	rAP-1675
Synonyms	A kinase (PRKA) anchor protein 7, A-kinase anchor protein 18 kDa, A-kinase anchor protein 9, kDa PRKA7 isoforms alpha/beta, PRKA7 isoform gamma, AKAP15, AKAP18.
Description	AKAP7 Human Recombinant produced in E. coli is a single polypeptide chain containing 105 amino acids (1-81) and having a molecular mass of 11.5kDa. AKAP7 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O43687
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMGQLCC FPF SRDEGKI SEKNGGEPDD AELVRLSKRL VE- NAVLKAVQ QYLEETQKNK KPGEGSSVKT EAADQNGNDN ENNRK
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 AKAP7 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM NaCl, 1mM DTT and 10% glycerol. 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**