

Adaptor-Related Protein Complex 1 Associated Regulatory Protein Hu-

Item Number	rAP-2730
Synonyms	AP-1 complex-associated regulatory protein, 2c18, Adapter-related protein complex 1-associated regulatory protein, Gamma-1-adaptin brefeldin A resistance protein, GBAR, Gamma-BAR, Gamma-A1-adaptin and kinesin interactor, Gadkin, AP1AR, C4orf16, PRO0971.
Description	AP1AR Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (1-302) and having a molecular mass of 36.4 kDa. AP1AR is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q63HQ0
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGNCWWTQCF GLLRKEAGRL QRVGGGGGSK YFRTCSRGEH LTIEFENLVE SDEGESPGSS HRPLTEEEIV DLRRERHYDSI AEKQKDLDDK IQKELALQEE KLRLEEEALY AAQREAARAA KQRKLLERQER QRIVQQYHPS NNGEYQSSGP EDDFESCLRN MKSQYEVFRS SRLSSDATVL TPNTESSCDL MTKTKSTSGN DDSTSLDLEW EDEEGMNRML PMRERSKTEE DIL- RAALKYS NKKTGSNPTS ASDDSNGLEW ENDFVSAEMD DNGNSEYSGF VNPVLELSDS GIRHSDDTQQ TR.
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 AP1AR solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% 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**