9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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AP1AR Human

Adaptor-Related Protein Complex 1 Associated Regulatory Protein Human Recombinant RCP0078

Product Overview

Name	AP1AR Human
Description	
Adaptor-Related Protein Complex 1 Associated Regulatory Protein Human Recombinant	
Accession (Primary)	Q63HQ0
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.	
Introduction	
Adaptor-related protein complex 1 associated regulatory protein (AP1AR) is essential for AP-1 dependent transport between the trans-Golgi network and endosomes. AP1AR regulates the membrane association of AP1G1/Gamma1-adaptin which is one of the subunits of the AP-1 adapter complex. AP1AR plays a role as effector of AP-1 in calcium-induced endo-lysosome secretion. The interaction with AP1G1/Gamma1-adaptin attenuates the release of the AP-1 complex from membranes.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The AP1AR solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGNCCWTQCF GLLRKEAGRL QRVGGGGGSK YFRTCSRGEH LTIEFENLVE SDEGESPGSS HRPLTEEEIV DLRERHYDSI AEKQKDLDKK IQKELALQEE KLRLEEEALY AAQREAARAA	

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KQRKLLEQER QRIVQQYHPS NNGEYQSSGP EDDFESCLRN MKSQYEVFRS SRLSSDATVL TPNTESSCDL MTKTKSTSGN DDSTSLDLEW EDEEGMNRML PMRERSKTEE DILRAALKYS NKKTGSNPTS ASDDSNGLEW ENDFVSAEMD DNGNSEYSGF VNPVLELSDS GIRHSDTDQQ TR.

Precautions

AP1AR Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q63HQ0)