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32-3207: AP1AR Recombinant Protein

Alternative Name :	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,PRO09

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The AP1AR solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGNCCWTQCF GLLRKEAGRL QRVGGGGGSK YFRTCSRGEH LTIEFENLVE SDEGESPGSS HRPLTEEEIV DLRERHYDSI AEKQKDLDKK IQKELALQEE KLRLEEEALY AAQREAARAA KQRKLLEQER QRIVQQYHPS NNGEYQSSGP EDDFESCLRN MKSQYEVFRS SRLSSDATVL TPNTESSCDL MTKTKSTSGN DDSTSLDLEW EDEEGMNRML PMRERSKTEE DILRAALKYS NKKTGSNPTS ASDDSNGLEW ENDFVSAEMD DNGNSEYSGF VNPVLELSDS GIRHSDTDQQ TR.

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