

32-3210: AP3S1 Recombinant Protein

Alternative Name : CLAPS3, Sigma3A ,AP-3 complex subunit sigma-1, AP-3 complex subunit sigma-3A, Adapter-related protein complex 3 sigma-1 subunit, Clathrin-associated/assembly/adaptor protein, small 3, Sigma-3A-adaptin, Sigma-adaptin 3a.

Description

Source : E.coli. AP3S1 Human Recombinant produced in E. coli is a single polypeptide chain containing 213 amino acids (1-193) and having a molecular mass of 23.8 kDa. AP3S1 is fused to 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. AP-3 complex subunit sigma-1 (AP3S1) belongs to the AP-3 complex, an adapter-related complex which is not clathrin-associated. AP3S1 is linked with the Golgi region in addition to more peripheral structures. AP3S1 facilitates the budding of vesicles from the Golgi membrane and involved in trafficking to lysosomes.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The AP3S1 solution (1mg/1ml) 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 SSSLVPRGSH MIKAILIFNN HGKPRLSKFY QPYSEDQQQ IIRETFHLVS RDENVCNFL
EGLLIGGSD NKLIYRHYAT LYFVFCVDSS ESELGILDLI QVAVETLDKC ENVCELCLI FHVDPVHNIL
AEMVMGGMVL ETNMNEIVTQ IDAQNKLEKS EAGLAGAPAR AVSAVKMNNL PEIPRNINIG DISIKVPLP
SFK.