

Assembly Protein Complex 3 Subunit-1 Human Recombinant

Item Number	rAP-2729
Synonyms	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/adapter protein, small 3, Sigma-3A-adaptin, Sigma-adaptin 3a.
Description	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.
Uniprot Accesion Number	Q92572
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MIKAILIFNN HGKPRLSKFY QPYSEDTQQQ IIRETFHLVS RDENVCNFL EGGLLIGGSD NKLRYRHAT LYFVFCVDSS ESELGILDI QVFVETLDKC ENVCELDLI FHVDKVNHL AEMVMGGMVL ETNMNEIVTQ IDAQNKLEKS EAGLAGAPAR AVSAVKNMNL PEIPRNIINIG DISIKVPNLP SFK.
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 AP3S1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. 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 end users! This product is sold for **Research Use Only**