9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

AP3S1 Human

Assembly Protein Complex 3 Subunit-1 Human Recombinant
RCP0080

Product Overview

Name	AP3S1 Human

Description

Assembly Protein Complex 3 Subunit-1 Human Recombinant

Accession (Primary)	Q92572

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.

Introduction

AP-3 complex subunit sigma-1 (AP3S1) belongs to the AP-3 complex, an adapter-related complex which is not clathrin-associated. AP3S1 is linkd 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.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The AP3S1 solution (1mg/1ml) 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% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MIKAILIFNN HGKPRLSKFY QPYSEDTQQQ IIRETFHLVS RDENVCNFL EGGLLIGGSD NKLIYRHYAT LYFVFCVDSS ESELGILDLI QVFVETLDKC ENVCELDLI FHVDKVHNIL AEMVMGGMVL ETNMNEIVTQ IDAQNKLEKS EAGLAGAPAR AVSAVKNMNL PEIPRNINIG DISIKVPNLP SFK.

Precautions

AP3S1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (Q92572)