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

CHMP1A Human

Chromatin Modifying Protein 1A Human Recombinant
RCP0425

Product Overview

Name	CHMP1A Human

Description

Chromatin Modifying Protein 1A Human Recombinant

Accession (Primary)	Q9HD42

Synonyms

Charged multivesicular body protein 1a, Chromatin-modifying protein 1a, Vacuolar protein sorting-associated protein 46-1, Vps46-1, hVps46-1, CHMP1A, CHMP1, KIAA0047, PCOLN3, PRSM1, PCH8, VPS46A.

Introduction

Charged multivesicular body protein 1a (CHMP1A) is a member of the vacuolar sorting protein family and functions as chromatin-modifying protein. These complexes are essential for sorting endosomal articles into multivesicular bodies (MVBs), as well as vital for the formation of these bodies. The MVBs pathway mediates distribution of transmembrane proteins into the lumen of the lysosome for degradation. CHMP1 interacts with VPS4B and localizes to early endosomes.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

CHMP1A protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% 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 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MDDTLFQ LKFTAKQLEK LAKKAEKDSK AEQAKVKKAL LQKNVECARV YAENAIRKKN EGVNWLRMAS RVDAVASKVQ TAVTMKGVTK NMAQVTKALD KALSTMDLQK VSSVMDRFEQ

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

QVQNLDVHTS VMEDSMSSAT TLTTPQEQVD SLIMQIAEEN GLEVLDQLSQ LPEGASAVGE SSVRSQEDQL SRRLAALRN.

Precautions

CHMP1A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9HD42)