9051 Mira Mesa Blvd, #910094
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CHMP6 Human

Charged Multivesicular Body Protein 6 Human Recombinant
RCP0431

Product Overview

Name	CHMP6 Human

Description

Charged Multivesicular Body Protein 6 Human Recombinant

Accession (Primary)	Q96FZ7

Synonyms

Charged multivesicular body protein 6, Chromatin-modifying protein 6, Vacuolar protein sorting-associated protein 20, Vps20, hVps20, CHMP6.

Introduction

Charged multivesicular body protein 6 (CHMP6) is a member of the SNF7 family. The CHMP6 protein is a core component of the endosomal sorting necessary for transport complex III (ESCRT-III) that is involved in multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. MVBs contain intraluminal vesicles (ILVs) which are produced by invagination and scission from the limiting membrane of the endosome and generally are transported to lysosomes facilitating degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

CHMP6 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 100mM NaCl.

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 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSH MGNLFG RKKQSRVTEQ DKAILQLKQQ RDKLRQYQKR IAQQLERERA

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LARQLLRDGR KERAKLLLKK KRYQEQLLDR TENQISSLEA MVQSIEFTQI EMKVMEGLQF GNECLNKMHQ VMSIEEVERI LDETQEAVEY QRQIDELLAG SFTQEDEDAI LEELSAITQE QIELPEVPSE PLPEKIPENV PVKARPRQAE LVAAS.

Precautions

CHMP6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96FZ7)