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

CHMP5 Human

Charged Multivesicular Body Protein 5 Human Recombinant
RCP0430

Product Overview

Name	CHMP5 Human
Description	
Charged Multivesicular Body Protein 5 Human Recombinant	
Accession (Primary)	Q9NZZ3
Synonyms	
Charged Multivesicular Body Protein 5, SNF7 Domain-Containing Protein 2, Chromosome 9 Open Reading Frame 83, Chromatin-Modifying Protein 5, Apoptosis-Related Protein PNAS-2, Vacuolar Protein Sorting-Associated Protein 60, Chromatin Modifying Protein 5, HSPC177, PNAS-2, HVps60, SNF7DC2, CGI-34, C9orf83.	
Introduction	
Charged Multivesicular Body Protein 5 (CHMP5) is a member of the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins comprise the ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and development of endocytic multivesicular bodies (MVBs). Certain CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP the CHMP1A, is essential for both MVB formation and regulation of cell cycle progression.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CHMP5 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.	
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 80% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MNRLFG KAKPKAPPPS LTDCIGTVDS RAESIDKKIS RLDAELVKYK DQIKKMREGP AKNMVKQKAL RVLKQKRMYE QQRDNLAQQS FNMEQANYTI QSLKDTKTTV DAMKLGVKEM	

KKAYKQVKID QIEDLQDQLE DMMEDANEIQ EALSRSYGTP ELDEDDLEAE LDALGDELLA DEDSSYLDEA

ASAPAIPEGV PTDTKNKDGV LVDEFGLPQI PAS

Precautions

CHMP5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NZZ3)