9051 Mira Mesa Blvd, #910094
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VPS24 Human

Vacuolar Protein Sorting 24 Human Recombinant
RCP2556

Product Overview

Name	VPS24 Human
Description	
Vacuolar Protein Sorting 24 Human Recombinant	
Accession (Primary)	Q9Y3E7
Synonyms	
Charged multivesicular body protein 3, Chromatin-modifying protein 3, Neuroendocrine differentiation factor, Vacuolar protein sorting-associated protein 24, hVps24, CHMP3, CGI149, NEDF, VPS24, CGI-149.	
Introduction	
Charged multivesicular body protein 3 (VPS24/CHMP3) is a member of the vacuolar sorting protein family and function as chromatin modifying proteins. VPS24 links directly with CHMP2 and CHMP4 for the disassembly of ESCRT-III complex in an ATP-dependent manner. During HIV-1 infection, the virus uses the ESCRT-III complex to mediate budding and exocytosis of viral proteins. VPS24 overexpression strongly hinders HIV-1 release.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
VPS24 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGLFGKTQEK PPKELVNEWS LKIRKEMRVV DRQIRDIQRE EEKVKRSVKD AAKKGQKDVC IVLAKEMIRS RKAVSKLYAS KAHMNSVLMG MKNQLAVLRV AGSLQKSTEV MKAMQSLVKI PEIQATMREL SKEMMKAGII EEMLEDTFES MDDQEEMEEE AEMEIDRILF EITAGALGKA PSKVTDALPE PEPPGAMAAS EDEEEEEEAL EAMQSRLATL RS.	

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Precautions

VPS24 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y3E7)