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

VPS25 Human

Vacuolar Protein Sorting 25 Human Recombinant
RCP2557

Product Overview

Name	VPS25 Human
Description	
Vacuolar Protein Sorting 25 Human Recombinant	
Accession (Primary)	Q9BRG1
Synonyms	
Vacuolar protein sorting 25 homolog (S. cerevisiae), vacuolar protein-sorting-associated protein 25, ELL-associated protein of 20 kDa, ESCRT-II complex subunit VPS25, Dermal papilla-derived protein 9, DERP9, EAP20, FAP20, MGC10540.	
Introduction	
VPS25 contains the ESCRT-II complex (endosomal sorting complex required for transport II), that is needed for sorting of endosomal cargo proteins into MVBs and multivesicular body (MVB) formation. The MVB pathway facilitates transport of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex takes part in the recruitment of the ESCRT-III complex which is involved in transcription regulation, probably through its collaboration with ELL.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The VPS25 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, and 20% 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 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MAMSFE WPWQYRFPPF FTLQPNVDTR QKQLAAWCSL VLSFCRLHKQ SSMTVMEAQE SPLFNNVKLQ RKLPVESIQI VLEELRKKGN LEWLDKSKSS FLIMWRRPEE WGKLIYQWVS	

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RSGQNNSVFT LYELTNGEDT EDEEFHGLDE ATLLRALQAL QQEHKAEIIT VSDGRGVKFF

Precautions

VPS25 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BRG1)