

Vacuolar Protein Sorting 25 Human Recombinant

Item Number	rAP-5049
Synonyms	Vacuolar protein sorting 25 homolog (<i>S. cerevisiae</i>), 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.
Description	VPS25 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 200 amino acids (1-176) and having a molecular mass of 23.3kDa. VPS25 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BRG1
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSHMAMSE WPWQYRFPPF FTLQPNVDTR QKQLAAWCSL VLSFCRLHKQ SSMTVMEAQE SPLFNNVKLQ RKLVPVSIQI VLEELRKKGN LEWLDKSKSS FLIM- WRRPEE WGKLIYQWVS RSGQNNSVFT LYELTNGEDT EDEEFHGLDE ATLLRALQAL QQEHKAEIIT VSDGRGVKFF
Source	<i>E. coli</i> .
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The VPS25 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, and 20% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**