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VPS25, 1-176aa, Human, His tag, E.coli

产品货号: TP04481

第三版

**别名:** Vacuolar protein-sorting-associated protein 25, DERP9, EAP20, FAP20

**描述:** VPS25, also known as vacuolar protein-sorting-associated protein 25, consists of the ESCRT-II complex (endosomal sorting complex required for transport II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is involved in the recruitment of the ESCRT-III complex. The ESCRT-II complex may play a role in transcription regulation, possibly via its interaction with ELL. Recombinant human VPS25 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl

**分子量:** 23.3 kDa(200aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMAMSFEPWPQYRFPFFTLQPNVDTRQKQLAAWCSLVLSFCRLHKQSSMTVME  
AQESPLFNNVKLQRKLPVESIQIVLEELRKKGNLEWLDKSKSSFLIMWRRPEEWGKLIYQWVSRSGQNNVFTLYELTNGE  
DTEDEEFHGLDEATLLRALQALQQEHKAEIITVSDGRGVKFF

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.