

本公司提供的电版本说明书仅供参考，实验请以收到的纸质手册为准。

VPS29, 1-182aa, Mouse, His tag, E.coli

产品货号: TP04485

第三版

别名: Vacuolar protein sorting 29, PEP11

**描述:** Vacuolar protein sorting 29, also known as VPS29, belongs to a group of genes coding for vacuolar protein sorting (VPS) proteins that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. It is a late Golgi transmembrane protein that acts as the sorting receptor for soluble vacuolar hydrolases, from the prevacuolar endosome back to the Golgi. Also, VPS29 may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Recombinant Mouse VPS29 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

**分子量:** 23.2kDa (207aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMMLVVLGDLHIPHCNSLPAKFKLLVPGKIQHILCTGNLCTKESYDYLKTLAG  
DVHIVRGDFDENLNYPEQKVVTVGQFKIGLIHGHQVIPWGDMA LALLQRQFDVDILISGHTHKFEAFEHENKFYINPGS  
ATGAYNALETNIIIPSFVLM DIQASTVVITYVYQLIGDDVKVERIEYKKS

**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.