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

产品货号: TP04484

第三版

别名: Vacuolar protein sorting-associated protein, DC15, DC7, 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 human VPS29 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

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

序列:

MGSSHHHHHSSGLVPRGSHMGSHMMLVVLGDLHIPHRCNSLPAKFKLLVPGKIQHILCTGNLCTKESYDYLKTLAG
DVHIVRGDFDENLNYPEQKVVTVGQFKIGLIHGHQVIPWGDMA LALLQRQFDVDILISGHTHKFEAFEHENKFYINPGS
ATGAYNALETNIIIPSVLMDIQASTVVITYVYQLIGDDVKVERIEYKKP

纯度: > 95% by HPLC

浓度: 1 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.