

AR50293PU-N

Mouse VPS29 (1-182, His-tag) - Purified

Alternate names:	DC15, DC7, MDS007, PEP11, Vacuolar protein sorting-associated protein 29, Vesicle protein sorting 29
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q9QZ88
NCBI:	NP_062754.1
GeneID:	56433
Species:	Mouse
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Description:	Recombinant Mouse VPS29 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMMMLVLV LGDLHIPHRC NSLPAKFKKL LVPGKIQHIL CTGNLCTKES YDYLKTLAGD VHIVRGDFDE NLNYPEQKV V TVGQFKIGLI HGHQVIPWGD MASLALLQRQ FDVDILISGH THKFEAFEHE NKFYINPGSA TGAYNALETN IIPSFVLMDI QASTVVITYVY QLIGDDVKVE RIEYKKS Molecular weight: 23.2 kDa (207aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Edgar AJ., et al. (2000) Biochem Biophys Res Commun. 277(3):622-30. Wanq D., et al. (2005) J Biol Chem. 280(24):22962-7.

Pictures:

