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32-18111: Recombinant Human VPS4 Protein, His Tag

Uniprot ID : Q9UN37
Alternative Name : CIMDAG; SKD1; SKD1A; SKD2; VPS4A; VPS4-1

Description

Molecular Characterization: VPS4(Met1-Ser437) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 49.7 kDa after removal of the signal peptide. The apparent molecular mass of VPS4-His is approximately 55-70 kDa due to glycosylation.
Description: Recombinant Human VPS4 Protein with C-terminal 6Ã—His tag
The protein encoded by this gene is a member of the AAA protein family (ATPases associated with diverse cellular activities), and is the homolog of the yeast Vps4 protein. In humans, two paralogs of the yeast protein have been identified. The former share a high degree of aa sequence similarity with each other, and also with yeast Vps4 and mouse Skd1 proteins. The mouse Skd1 (suppressor of K transport defect 1) has been shown to be really an yeast Vps4 ortholog. Functional studies indicate that both human paralogs associate with the endosomal compartments, and are involved in intracellular protein trafficking, similar to Vps4 protein in yeast. The gene encoding this paralog has been mapped to chromosome 16; the gene for the other resides on chromosome 18.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.