

Recombinant Human VIPAS39 Protein (1-493 aa), His-SUMO-tagged

Cat. No. VIPAS39-1150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VIPAS39 Protein (1-493 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-493 aa
Description	May play a role in vesicular trafficking during spermatogenesis . Plays a role in lysosomal trafficking, probably via association with the core HOPS complex in a discrete population of endosomes. May play a role in epithelial polarization through stabilization of apical mbrane protein content, possibly via the RAB11A-dependent apical recycling pathway. Also involved in direct or indirect transcriptional regulation of E-cadherin.
Form	Tris-based buffer,50% glycerol
Molecular Mass	73.0 kDa
AA Sequence	MNRTKGDEEEYWNSSKFKAFTFDDDEDELSQLKESKRAVNSLRDFVDDDDDDDDLE RVSWSGEPVGSISWSIRETAGNSGSTHEGREQLKSRNSFSSYAQLPKPTSTYSLSS FFRGRTRPGSFQSLSDALSDTPAKSYAPELGRPKGEYRDYSNDWSPSDTVRRLRK

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GKVCSLERFRSLQDKLQLLEEAVSMHDSNVITAVLIFLKRTLSKEILFRELEVRQVALR
 HLIHFLKEIGDQKLLLDLFRFLDRTEELALSHYREHLNIQDPDKRKEFLKTCVGLPFSA
 EDSAHIQDHYTLRLERQIIIEANDRHLESAGQTEIFRKHPRKASILNMPLVTTLFYSCFY
 HYTEAEGTFSSPVNLKKTFFKIPDKQYVLTALAARAKLRAWNDVDALFTTKNLWLGYTK
 KRAPIGFHRVVEILHKNNAPVQILQEYVNLVEDVDTKLNLATKFKCHDVVIDTYRDLK
 DRQQLLAYRSKVDKGSAAEEKIDALLSSSQIRWKN

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name VIPAS39 VPS33B interacting protein, apical-basolateral polarity regulator, spe-39 homolog [Homo sapiens (human)]

Official Symbol VIPAS39

Synonyms SPE39; VIPAR; SPE-39; VPS16B; hSPE-39; C14orf133;

Gene ID 63894

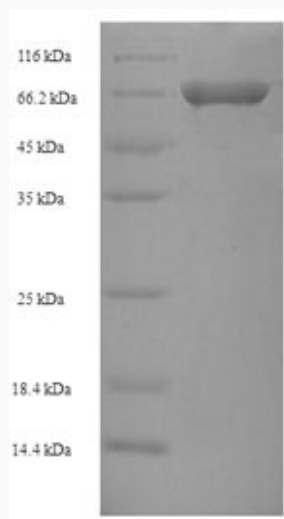
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UniProt ID

Q9H9C1



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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