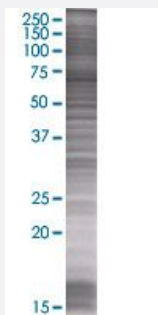# VPS33B 293T Cell Transient Overexpression Lysate(Denatured)
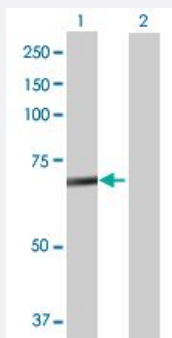
Catalog #   H00026276-T01   Size   100 uL

Applications

SDS-PAGE Gel

VPS33B transfected lysate.

Western Blot

Lane 1: VPS33B transfected lysate (67.98 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-VPS33B full-length
Host	Human
Theoretical MW (kDa)	67.98
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-VPS33B antibody (H00026276-B01) by Western Blots. SDS-PAGE Gel VPS33B transfected lysate. Western Blot Lane 1: VPS33B transfected lysate (67.98 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — VPS33B

Entrez GeneID	26276
GeneBank Accession#	NM_018668.2
Protein Accession#	AAH16445.1
Gene Name	VPS33B
Gene Alias	FLJ14848
Gene Description	vacuolar protein sorting 33 homolog B (yeast)
Omim ID	208085 608552
Gene Ontology	Hyperlink
Gene Summary	Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec-1 domain family, and encodes the human ortholog of rat Vps33b which is homologous to the yeast class C Vps33 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. [provided by RefSeq
Other Designations	vacuolar protein sorting 33B|vacuolar protein sorting 33B (yeast homolog))

Disease

- Depressive Disorder

- Genetic Predisposition to Disease