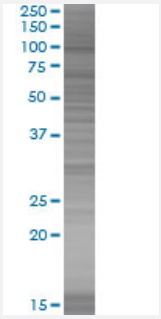
ATP2C1 293T Cell Transient Overexpression Lysate(Denatured)

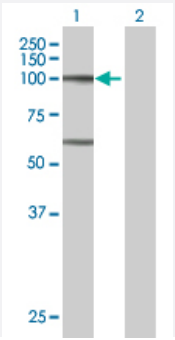
Catalog # H00027032-T01 Size 100 uL

Applications



SDS-PAGE Gel

ATP2C1 transfected lysate.



Western Blot

Lane 1: ATP2C1 transfected lysate (100.6 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ATP2C1 full-length
Host	Human
Theoretical MW (kDa)	100.6
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ATP2C1 antibody (H00027032-B01) by W estern Blots. SDS-PAGE Gel ATP2C1 transfected lysate. Western Blot Lane 1: ATP2C1 transfected lysate (100.6 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 — ATP2C1

Entrez GeneID	27032
GeneBank Accession#	NM_014382
Protein Accession#	NP_055197
Gene Name	ATP2C1
Gene Alias	ATP2C1A, BCPM, HHD, KIAA1347, PMR1, SPCA1, hSPCA1
Gene Description	ATPase, Ca++ transporting, type 2C, member 1
Omim ID	169600 604384
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of the calcium. Defects in this gene cause Hailey-Hailey disease, an autosomal dominant disorder. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	ATP-dependent Ca(2+) pump|ATPase 2C1|ATPase, Ca(2+)-sequestering|HUSSY-28|calcium-transporting ATPase 2C1|secretory pathway Ca2+/Mn2+ ATPase