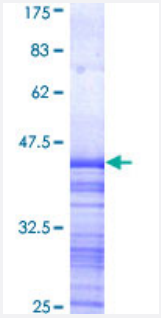
ATP2C1 (Human) Recombinant Protein (Q01)

Catalog # H00027032-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ATP2C1 partial ORF (AAH28139, 119 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VQEYRSEKSLEELSKLVPPECHCVREGKLEHTLARDLVPGDTVCLSVGDRVPADLRLFEAVDLSI DESSLTGETTPCSKVTAPQPAATNGDLASRSNIAFMGTLVRCGKAKGVVIGTGENSEFGEVFKM MQAEEAPKTPLQKSMDLLGKQL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.35
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ATP2C1

Entrez GeneID	27032
GeneBank Accession#	BC028139
Protein Accession#	AAH28139
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 c alcium. Defects in this gene cause Hailey-Hailey disease, an autosomal dominant disorder. Altern atively spliced transcript variants encoding different isoforms have been identified. [provided by R efSeq
Other Designations	ATP-dependent Ca(2+) pump|ATPase 2C1|ATPase, Ca(2+)-sequestering|HUSSY-28|calcium-tra nsporting ATPase 2C1|secretory pathway Ca2+/Mn2+ ATPase