

Recombinant Human ATP2C1 protein, GST-tagged

Cat. No. ATP2C1-974H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP2C1 partial ORF (AAH28139, 119 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 calcium ions. 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, Aug 2011]
Molecular Mass	42.35 kDa
AA Sequence	VQEYRSEKSLEELSKLVPPECHCVREGKLEHTLARDLVPGDTVCLSVGDRVPADLR LFEAVDLSIDESSLTGETTPCSKVTA PQPAATNGDLASRSNIAFMGTLVRCGKAKGV VIGTGENSEFGEVFKMMQAEAPKTP LQKSM DLLGKQL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ATP2C1 ATPase, Ca++ transporting, type 2C, member 1 \[Homo sapiens \]](#)

Official Symbol [ATP2C1](#)

Synonyms

ATP2C1; ATPase, Ca++ transporting, type 2C, member 1; BCPM, benign chronic pemphigus (Hailey Hailey disease); calcium-transporting ATPase type 2C member 1; ATP2C1A; KIAA1347; PMR1; secretory pathway Ca²⁺/Mn²⁺ ATPase 1; SPCA1; HUSSY-28; ATPase 2C1; ATPase, Ca(2+)-sequestering; ATP-dependent Ca(2+) pump PMR1; HHD; BCPM; hSPCA1;

Gene ID [27032](#)

mRNA Refseq [NM_001001485](#)

Protein Refseq [NP_001001485](#)

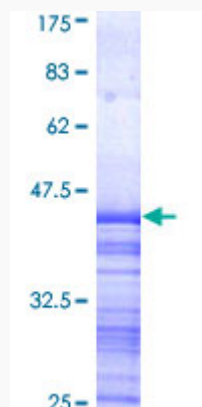
MIM [604384](#)

UniProt ID [P98194](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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