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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATP6V1E1 (Human) Recombinant Protein (P01)

Catalog Number: H00000529-P01

Regulation Status: For research use only (RUO)

Product Description: Human ATP6V1E1 full-length ORF (AAH04443, 1 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MALSDADVQKQIKHMMAFIEQEANEKAEEIDAKAEEEF
NIEKGRLVQTQRLKIMEYYEKKEKQIEQQKKIQMSNLM
NQARLKVLRARDDLITDLLNEAKQRLSKVVKDTTRYQV
LLDGLVLQGLYQLLEPRMIVRCRKQDFPLVKAAVQKAI
PMYKIATKNDVDVQIDQESYLPEDIAGGVEIYNGDRKIK
VSNTLESRLDLIAQQMMPEVRGALFGANANRKFLD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 50.60

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 529

Gene Symbol: ATP6V1E1

Gene Alias: ATP6E, ATP6E2, ATP6V1E, P31, Vma4

Gene Summary: This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A, three B, and two G subunits, as well as a C, D, E, F, and H subunit. The V1 domain contains the ATP catalytic site. This gene encodes alternate transcriptional splice variants, encoding different V1 domain E subunit isoforms. Pseudogenes for this gene have been found in the genome. [provided by RefSeq]