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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATP6V1B2 (Human) Recombinant Protein (P01)

Catalog Number: H00000526-P01

Regulation Status: For research use only (RUO)

Product Description: Human ATP6V1B2 full-length ORF (AAH03100, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MALRAMRGIVNGAAPELPVPTGGPAVGAREQALAVSR
NYLSQPRLTYKTVSGVNGPLVILDHVKFPRYAEIVHLTL
PDGTKRSGQVLEVSGSKAVVQVFEGTSGIDAKKTSCE
FTGDILRTPVSEDMLGRVFNGSGKPIDRGPVLAEDFL
DIMGQPINPQCRIYPEEMIQTGISAIDGMNSIARGQKIPI
FSAAGLPHNEIAAQICRQAGLVKKSVDVYSEENFAI
VFAAMGVNMETARFFKSDFEENGSMNDVCLFLNLAN
DPTIERIITPRLALTTAEFLAYQCEKHVLVILTMSSYAE
ALREVSAAAREEVPGRRGFPGYMYTDLATYERAGRVE
GRNGSITQIPILTMPND DITHPIPDLTGYITEGQIYVDRQ
LHNRQIYPPINVLPSLSRLMKSAIGEGMTRKDHADVSN
QLYACYAIGKDVQAMKAVVGEEALTSDDLLEYFLQKF
ERNFIAQGPYENRTVFETLDIGWQLLRIFPKEMLKRIPO
STLSEFYPRDSAKH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 81.95

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: 526

Gene Symbol: ATP6V1B2

Gene Alias: ATP6B1B2, ATP6B2, HO57, VATB, VPP3, Vma2

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. The protein encoded by this gene is one of two V1 domain B subunit isoforms and is the only B isoform highly expressed in osteoclasts. [provided by RefSeq]