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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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Datasheet

ATP6AP2 (Human) Recombinant Protein (P01)

Catalog Number: H00010159-P01

Regulation Status: For research use only (RUO)

Product Description: Human ATP6AP2 full-length ORF (NP_005756.2, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAVFVLLALVAGVLGNEFSILKSPGSVFRNGNWPIF
GERIPDVAALSMGFVKEDLSWPLAVGNLFHRPRAT
VMVMKGVNKLALPPGSVISYPLENAVPFSLDSVANSI
HSLFSEETPVVLQLAPSEERVYMGKANSVFEDLSVTL
RQLRNRLFQENSVLSSLPLNLSLRNNEVDLLFLSELQV
LHDISLLSRHKHLAKDHSPDLYSLELAGLDEIGKRYG
EDSEQFRDASKILVDALQKFADDMYSLYGGNAVVELV
TVKSFDTSLIRKTRTILEAKQAKNPASPYNLAYKYNFEY
SVVFNMLWIMIALALAVIITSYNIWNMDPGYDSIYRMT
NQKIRMD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 65.4

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: 10159

Gene Symbol: ATP6AP2

Gene Alias: APT6M8-9, ATP6IP2, ATP6M8-9, ELDF10, HT028, M8-9, MGC99577, MRXE, MSTP009, XMRE

Gene Summary: This gene encodes a protein that is associated with adenosine triphosphatases (ATPases). Proton-translocating ATPases have fundamental roles in energy conservation, secondary active transport, acidification of intracellular compartments, and cellular pH homeostasis. There are three classes of ATPases- F, P, and V. The vacuolar (V-type) ATPases have a transmembrane proton-conducting sector and an extramembrane catalytic sector. The encoded protein has been found associated with the transmembrane sector of the V-type ATPases. [provided by RefSeq]