



Recombinant Human ATP6V1B2 Protein Product Manual

1. Product Basic Information

Product No.: REP06221

Protein Name: V-Atpase B2 Subunit (ATP6V1B2)

Aliases: DOOD; HO57; VATB; VPP3; Vma2; ZLS2; ATP6B2; ATP6B1B2; V-ATPase B2 subunit; vacuolar H⁺-ATPase 56,000 subunit; testicular secretory protein Li 65; ATPase H⁺ transporting V1 subunit B2; endomembrane pro...

UniProt ID: P21281

UniProt Link: <https://www.uniprot.org/uniprotkb/P21281/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-511aa)

Molecular Weight: 63.4 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-511aa)

MALRAMRGIVNGAAPELPVPTGGPAVGAREQALAVSRNYLSQPRLTYKTVSGVNG
PLVILDHVKFPRYAEIVHLTLPDGTKRSGQVLEVSGSKAVVQVFEGTSGIDAKKTSC
EFTGDILRTPVSEDM LGRVFNGSGKPIDRGPVVLAEFDLIMGQPINPQCRIYPEEMI
QTGISAIDGMNSIARGQKIPIFSAAGLPHNEIAAQICRQAGLVKKSKDVVDYSEENFAI
VFAAMGVNMETARFFKSDFEENGSM DNVCFLN LANDPTIERIITPRLALT TAEFLAY
QCEKHVLVILTD MSSYAEALREVSAAREEVPGRRGFPGYMYTDLAT IYERAGRVEG
RNGSITQIPILTMPNDDITHPIPDLTGYITEGQIYVDRQLHNRQIYPPINVLPSLSRLMK
SAIGEGMTRKDHADVSNQLYACYAIGKDVQAMKAVVGEEALTSDDL LYLEFLQKFE
RNFIAQGPYENRTVFETLDIGWQLLRIFPKEM LKRIPQSTLSEFYPRDSAKH

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human ATP6V1B2 full length protein (1-511aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ATP6V1B2, also known as DOOD or HO57 or VATB, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.