

Human ATP6AP2 Recombinant Protein



RPPB2826

Product Information Protein Information

Product SKU:

RPPB2826

Accession:

O75787

Host:

Escherichia Coli.

Protein description:

ATP6AP2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 296 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 33kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Renin receptor, ATPase H(+)-transporting lysosomal accessory protein 2, ATPase H(+)-transporting lysosomal-interacting protein 2, ER-localized type I transmembrane adaptor, Embryonic liver differentiation factor 10, N14F, Renin/prorenin receptor, Vacuolar ATP synthase membrane sector-associated protein M8-9, ATP6M8-9, V-ATPase M8.9 subunit, ATP6AP2, ATP6IP2, CAPER, ELDF10, M8-9, MRXE, XMRE, XPDS, HT028, MRXSH, MSTP009, APT6M8-9.

Formulation:

ATP6AP2 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl, pH 7.5.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. ATP6AP2 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS NEFSILKSPG SVVFRNGNWP IPGERIPDVA ALSMGFSVKE DLSWPGLAVG NLFHRPRATV
MVMVKGVNKL ALPPGSVISY PLENVPFSL DSVANSIHSL FSEETPVVLQ LAPSEERVYM VGKANSVFED
LSVTLRQLRN RLFQENSVLS SLPLNLSLRN NEVDLLFLSE LQVLHDISSL LSRHKHLAKD HSPDLYSLEL
AGLDEIGKRY GEDSEQFRDA SKILVDALQK FADDMYSLYG GNAVVVELVTV KSFDTSLIRK TRTILEAKQA
KNPASPYNLA YKYNFE.