

Recombinant Human ATP6AP2 Protein, His-tagged

Cat. No. ATP6AP2-2184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP6AP2 Protein is produced by Yeast expression system. This protein is fused with a His tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	Yeast
Description	Functions as a renin and prorenin cellular receptor. May mediate renin-dependent cellular responses by activating ERK1 and ERK2. By increasing the catalytic efficiency of renin in AGT/angiotensinogen conversion to angiotensin I, it may also play a role in the renin-angiotensin system (RAS).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	40.0 kDa
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12

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months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [ATP6AP2 ATPase, H⁺ transporting, lysosomal accessory protein 2 \[Homo sapiens \]](#)

Official Symbol [ATP6AP2](#)

Synonyms

ATP6AP2; APT6M8 9; ATP6M8 9; M8 9; N14F; M8-9; MRXE; XMRE; HT028; ELDF10; ATP6IP2; MSTP009; APT6M8-9; ATP6M8-9; MGC99577;

Gene ID [10159](#)

mRNA Refseq [NM_005765](#)

Protein Refseq [NP_005756](#)

MIM [300556](#)

UniProt ID [O75787](#)

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