

Recombinant Full Length Human ATP1B4 Protein

Cat. No. ATP1B4-1150HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP1B4 full-length ORF (ADR83150.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	357 amino acids
Description	This gene has been found in all vertebrate genomes sequenced to date. However, this gene has undergone a change in function in placental mammals compared to other species. Specifically, in fish, avian, and amphibian species, this gene encodes plasma membrane-bound beta-subunits of Na,K-ATPase. In placental mammals, the encoded protein interacts with the nuclear transcriptional coregulator SKIP and may be involved in the regulation of TGF-beta signaling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]
Form	Liquid
Molecular Mass	39.3 kDa
AA Sequence	MRRQLRSRRA PSFPYSYRYR LDDPDEANQN YLADEEEEEAE EEARVTVVPK SEEEEEEEEEK EEEEEEEKEE EEGQGQPTGN AWWQKLQIMS EYLWDPERRM FLARTGQSW S LILLIYFFFY ASLAAVITLC MYTLFLTISP YIPTFTERVK PPGVMIRPFA HSLNFNFNVS EPDTWQHYVI SLNGFLQGYN DSLQEEMNVD CPPGQYFIQD GNEDEDKKAC QFKRSFLKNC SGLEDPTFGY STGQPCILLK

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MNRIVGFRPE LGDPVKVSCK VQRGDENDIR SISYYPESAS FDLRYYPYYG
KLTHVNYTSP LVAMHFTDVV KNQAVPVQCQ LKGKGVINDV INDRFVGRVI
FTLNIET

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name [ATP1B4 ATPase, Na⁺/K⁺ transporting, beta 4 polypeptide \[Homo sapiens \]](#)

Official Symbol [ATP1B4](#)

Synonyms ATP1B4; ATPase, Na⁺/K⁺ transporting, beta 4 polypeptide; ATPase, (Na⁺)/K⁺ transporting, beta 4 polypeptide; protein ATP1B4; X,K-ATPase beta-m subunit; x/potassium-transporting ATPase subunit beta-m

Gene ID [23439](#)

mRNA Refseq [NM_001142447](#)

Protein Refseq [NP_001135919](#)

MIM [301073](#)

UniProt ID [Q9UN42](#)

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