

# Recombinant Full Length Human ATP1B4 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Human ATP1B4 full-length ORF (ADR83150.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	357 amino acids
<b>Description</b>	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]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	39.3 kDa
<b>AA Sequence</b>	MRRQLRSRRA PSFPYSYRYR LDDPDEANQN YLADEEEEEAE EEARVTVVPK SEEEEEEEEEK EEEEEEEKEE EEGQGQPTGN AWWQKLQIMS EYLWDPERRM FLARTGQSWS LILLIYFFFY ASLAAVITLC MYTLFLTISP YIPTFTERVK PPGVMIRPFA HSLNFNFNVS EPDTWQHYVI SLNGFLQGYN DSLQEEMNVD CPPGQYFIQD GNEDEDKKAC QFKRSFLKNC SGLEDPTFGY STGQPCILLK

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MNRIVGFRPE LGDPVKVSCK VQRGDENDIR SISYYPEAS 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<sup>+</sup>/K<sup>+</sup> transporting, beta 4 polypeptide \[ Homo sapiens \]](#)

**Official Symbol** [ATP1B4](#)

**Synonyms** ATP1B4; ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, beta 4 polypeptide; ATPase, (Na<sup>+</sup>)/K<sup>+</sup> 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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