Recombinant Human ATP1B4 protein

Cat. No. ATP1B4-968H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP1B4 full-length ORF (ADR83150.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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	MRRQLRSRRAPSFPYSYRYRLDDPDEANQNYLADEEEEAEEEARVTVVPKSEEEE EEEEKEEEEEEEKEEEEGQGQPTGNAWWQKLQIMSEYLWDPERRMFLARTGQSW SLILLIYFFFYASLAAVITLCMYTLFLTISPYIPTFTERVKPPGVMIRPFAHSLNFNFNVS EPDTWQHYVISLNGFLQGYNDSLQEEMNVDCPPGQYFIQDGNEDEDKKACQFKRS FLKNCSGLEDPTFGYSTGQPCILLKMNRIVGFRPELGDPVKVSCKVQRGDENDIRSI SYYPESASFDLRYYPYYGKLTHVNYTSPLVAMHFTDVVKNQAVPVQCQLKGKGVIN DVINDRFVGRVIFTLNIET

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Antibody Production; Functional Study; Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
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
UniProt ID	Q9UN42

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA