

Recombinant Human ATP1B4 Protein, MYC/DDK-tagged

Cat. No. ATP1B4-2941H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human ATP1B4 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

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.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 40.9 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 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



Gene Name	ATP1B4 ATPase, Na ⁺ /K ⁺ transporting, beta 4 polypeptide [Homo sapiens]
Official Symbol	ATP1B4
Synonyms	OTTHUMP00000023940; X,K-ATPase beta-m subunit; ATPase, (Na ⁺)/K ⁺ transporting, beta 4 polypeptide
Gene ID	23439
mRNA Refseq	NM_001142447
Protein Refseq	NP_001135919
UniProt ID	Q9UN42

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