

Recombinant Human ARPP21, GST-tagged

Cat. No. ARPP21-9890H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARPP21 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-89a.a.
Description	This gene encodes a cAMP-regulated phosphoprotein. The encoded protein is enriched in the caudate nucleus and cerebellar cortex. A similar protein in mouse may be involved in regulating the effects of dopamine in the basal ganglia. Alternate splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	ARPP21 cAMP-regulated phosphoprotein, 21kDa [Homo sapiens]
Official Symbol	ARPP21

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Synonyms	ARPP21; cAMP-regulated phosphoprotein, 21kDa; cAMP-regulated phosphoprotein 21; ARPP 21; R3H domain containing 3; R3HDM3; TARPP; thymocyte cAMP-regulated phosphoprotein; cyclic AMP-regulated phosphoprotein, 21 kD; RCS; ARPP-21; FLJ32997;
Gene ID	10777
mRNA Refseq	NM_001025068
Protein Refseq	NP_001020239
MIM	605488
UniProt ID	Q9UBL0
Chromosome Location	3p24.3
Function	calmodulin binding; molecular_function; nucleic acid binding;

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