

Recombinant Human ARPP19, GST-tagged

Cat. No. ARPP19-9889H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARPP19 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-112a.a.
Description	The 19-kD cAMP-regulated phosphoprotein plays a role in regulating mitosis by inhibiting protein phosphatase-2A (PP2A; see MIM 176915) (summary by Gharbi-Ayachi et al., 2010 [PubMed 21164014]).
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	ARPP19 cAMP-regulated phosphoprotein, 19kDa [Homo sapiens]
Official Symbol	ARPP19

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Synonyms	ARP19; ARPP-16; ARPP-19; ARPP16; ARPP19; cAMP-regulated phosphoprotein 19; FLJ41622; cyclic AMP phosphoprotein, 19 kD; ENSAL; ARPP19
Gene ID	10776
mRNA Refseq	NM_006628.4
Protein Refseq	NP_006619.1
MIM	605487
UniProt ID	P56211
Chromosome Location	15q21.2
Function	phosphatase inhibitor activity; potassium channel regulator activity; protein phosphatase 2A binding; protein phosphatase inhibitor activity; protein phosphatase type 2A regulator activity; receptor binding

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