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3942 B Valley Ave, Pleasanton, CA 94566
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ATP5A (ATP5A1) (NM_004046) Human Over-expression Lysate

Catalog Number: LS000498

Transient overexpression lysate of ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 2

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Overview

Product Name	ATP5A (ATP5A1) (NM_004046) Human Over-expression Lysate
Reactive Species	Human
Description	Transient overexpression lysate of ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 2
Expression Host	HEK293T
Tag	C-Myc/DDK
Detection Antibodies	Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (M30971)
Components	**For 100 µg, it contains two vials:** 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer **For 20 µg, it contains one vial:** 1 vial of 20 ug lyophilized gene specific transient over-expression cell lysate
Storage Instructions	The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C. Also after dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.
Preparation	HEK293T cells in 10-cm dishes were transiently transfected with Transfection Reagent and 5ug TrueORF cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. Cell lysates were aliquoted and stored at -20°C before shipping.

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