Recombinant Human ATP5PO Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATP5PO-1620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP5O MS Standard C13 and N15-labeled recombinant protein (NP_001688) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance.
Molecular Mass	23.3 kDa
AA Sequence	MAAPAVSGLSRQVRCFSTSVVRPFAKLVRPPVQVYGIEGRYATALYSAASKQNKLE QVEKELLRVAQILKEPKVAASVLNPYVKRSIKVKSLNDITAKERFSPLTTNLINLLAEN GRLSNTQGVVSAFSTMMSVHRGEVPCTVTSASPLEEATLSELKTVLKSFLSQGQVL KLEAKTDPSILGGMIVRIGEKYVDMSVKTKIQKLGRAMREIVTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ATP5PO ATP synthase peripheral stalk subunit OSCP [Homo sapiens (human)]
Official Symbol	ATP5PO
Synonyms	ATP5O; ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit; ATP synthase subunit O, mitochondrial; ATPO; oligomycin sensitivity conferring protein; OSCP; human ATP synthase OSCP subunit; oligomycin sensitivity conferral protein;
Gene ID	539
mRNA Refseq	NM_001697
Protein Refseq	NP_001688
MIM	600828
UniProt ID	P48047

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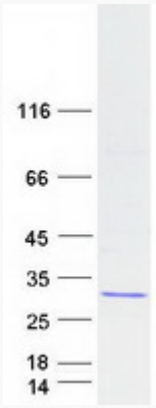
SDS-PAGE	

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