

Recombinant Human ATP23 Protein, His-tagged

Cat. No. ATP23-2939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP23 protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is amplified in glioblastomas and interacts with the DNA binding subunit of DNA-dependent protein kinase. This kinase is involved in double-strand break repair (DSB), and higher expression of the encoded protein increases the efficiency of DSB. In addition, comparison to orthologous proteins strongly suggests that this protein is a metalloprotease important in the biosynthesis of mitochondrial ATPase. Several transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80 Centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	28.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	ATP23 ATP23 metallopeptidase and ATP synthase assembly factor homolog [Homo sapiens]
Official Symbol	ATP23
Synonyms	KUB3; XRCC6BP1
Gene ID	91419
mRNA Refseq	NM_033276.3
Protein Refseq	NP_150592

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