

Recombinant Human ATP23 Protein, GST-tagged

Cat. No. ATP23-4788H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KUB3 partial ORF (NP_150592, 152 a.a. - 246 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Feb 2016]
Molecular Mass	36.19 kDa
AA Sequence	VRAANLSGDCSLVNEIFRLHFGLKQHHQTCVRDRATLSILAVRNISKEVAKKAVDEVF ESCFNDHEPFGRIPHNKTYARYAHRDFENRDRYYSNI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

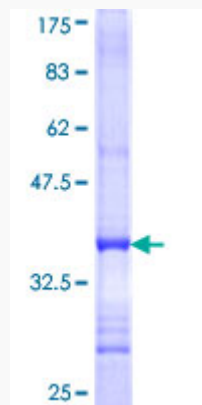
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ATP23 ATP23 metallopeptidase and ATP synthase assembly factor homolog [Homo sapiens (human)]
Official Symbol	ATP23
Synonyms	XRCC6BP1; XRCC6 binding protein 1; mitochondrial inner membrane protease ATP23 homolog; Ku70 binding protein 3; KUB3; Ku70-binding protein 3; XRCC6-binding protein 1; MGC134817; MGC134818; ATP23; ATP23 metallopeptidase and ATP synthase assembly factor homolog
Gene ID	91419
mRNA Refseq	NM_033276
Protein Refseq	NP_150592
UniProt ID	Q9Y6H3

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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