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32-2176: BAT1 Recombinant Protein

Alternative Name : HLA-B associated transcript 1,UAP56,D6S81E,DDX39B,ATP-dependent RNA helicase p47,DEAD-box protein UAP56

Description

Source : Escherichia Coli. BAT1 Human Recombinant protein produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 448 amino acids (1-428) and having a molecular mass of 51.1kDa. BAT1 is fused to 20 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques. BAT1 belongs to the DEAD box family of RNA-dependent ATPases that mediate ATP hydrolysis during pre-mRNA splicing. UAP56 protein is a vital splicing factor which is needed for connecting U2 small nuclear ribonucleoprotein with pre-mRNA, as well as takes a key part in mRNA export from the nucleus to the cytoplasm. Mutations in this protein may be connected to rheumatoid arthritis.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	BAT1 protein (0.5mg/ml) solution contains 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl,1mM DTT and 20% glycerol.
Storage condition :	BAT1 Human Recombinant although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAENDVDNEL LDYEDDEVET AAGGDGAEAP AKKDVKGSYV SIHSSGFRDF LLKPELLRAI VDCGFEHPSE VQHECIPQAI LGMDVLCQAK SGMGKTAVFV LATLQQLEPV TGQVSVLVMC HTRELAFQIS KEYERFSKYM PNVKVAVFFG GLSIKKDEEV LKKNCPHIVV GTPGRILALA RNKSLNLKHI KHFILDECDK MLEQLDMRRD VQEIFRMTPH EKQVMMFSAT LSKEIRPVCR KFMQDPMEIF VDDETKLTLH GLQQYYVKLK DNEKNRKLFD LLDVLEFNQV VIFVKSVQRC IALAQLLVEQ NFPAIAIHRG MPQEERLSRY QQFKDFQRRI LVATNLFGRG MDIERVNIAF NYDMPEDSDT YLHRVARAGR FGTKGLAITF VSDENDAKIL NDVQDRFEVN ISELPDEIDI SSYIEQTR

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