Datasheet for ABIN7279166

BAT1 Protein (AA 1-428) (His tag)

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1 Image

Overview

Quantity:	100 µg
Target:	BAT1 (DDX39)
Protein Characteristics:	AA 1-428
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAT1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	BAT1, 1-428aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	BAT1 (DDX39)
Alternative Name:	BAT1 (DDX39 Products)
Background:	BAT1, also known as UAP56, is a member of the DEAD box family of RNA-dependent ATPases that mediate ATP hydrolysis during pre-mRNA splicing. This protein is an essential splicing factor required for association of U2 small nuclear ribonucleoprotein with pre-mRNA, and also plays an important role in mRNA export from the nucleus to the cytoplasm. Mutations in this protein may be associated with rheumatoid arthritis. Recombinant human BAT1 protein, fused

Target Details

	to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Spliceosome RNA helicase BAT1, D6S81E, DDX39B, UAP56. NCBI no.: NP_004631
Molecular Weight:	51.1 (448aa), confirmed by MALDI-TOF
Pathways:	Ribonucleoprotein Complex Subunit Organization

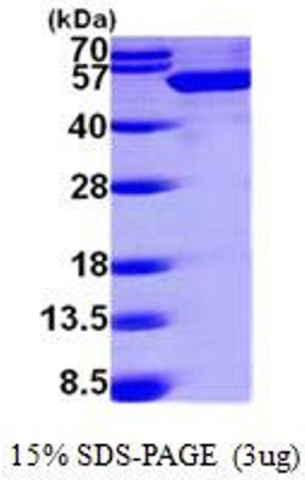
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT
Storage:	4 °C

Images



SDS-PAGE

Image 1.