

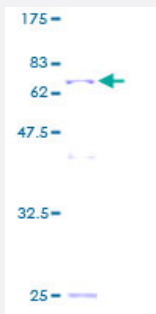
Full-Length

BAT1 (Human) Recombinant Protein (P01)

Catalog # H00007919-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BAT1 full-length ORF (AAH00361, 1 a.a. - 428 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAENDVDNELLDYEDDEVETAAGGDGAEAPAKKDVKGSYVSIHSSGFRDFLLKPELLRAMDCG
FEHPSEVQHECIPQAILGMDVLCQAKSGMGKTAVFVLATLQQLEPVTGQVSVLVMCHTRELAFQI
SKEYERFSKYMPNVKVAVFFGGLSIKKDEEVLKKNCPHVVGTPGRILALARNKSLNLKHIKHFIELD
ECDKMLEQLDMRRDVQEIFRMTPEKQVMMFSATLSKEIRPVCVKFMQDPMEIFVDDDETCLTLH
GLQQYYVKLDNEKNRKLFDLLDVLEFNQVVIFVKSQRCIALAQLLVEQNFPAAIHRGMPQEERL
SRYQQFKDFQRRILVATNLFGRGMDIERNVIAFNYPEDSDTYLHRVARAGRFGTKGLAITFVSD
ENDAKILNDVQDRFEVNISELPDEIDISSYIEQTR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.82

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BAT1

Entrez GeneID	7919
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GeneBank Accession#	BC000361
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Protein Accession#	AAH00361
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Gene Name	BAT1
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Gene Alias	D6S81E, DDX39B, UAP56
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Gene Description	HLA-B associated transcript 1
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Omim ID	142560
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a member of the DEAD box family of RNA-dependent ATPases that mediate ATP hydrolysis during pre-mRNA splicing. The encoded 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. A cluster of genes, BAT1-BAT5, is localized in the vicinity of the genes for TNF alpha and TNF beta. These genes are all within the human major histocompatibility complex class III region. Mutations in this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]
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Other Designations

56 kDa U2AF65-associated protein|ATP-dependent RNA helicase p47|DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B|DEAD-box protein UAP56|OTTHUMP00000029228|OTTHUMP00000029229|OTTHUMP00000035591|OTTHUMP00000035963|OTTHUMP00000035964|OTTHUMP00000035965|OTTHUMP0000

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
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- [Cardiovascular Diseases](#)
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