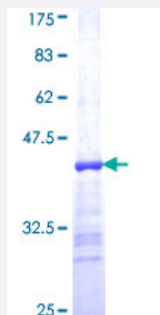


BAT1 (Human) Recombinant Protein (Q01)

Catalog # H00007919-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BAT1 partial ORF (NP_004631, 329 a.a. - 428 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RYQQFKDFQRRILVATNLFGRGMDIERVNIAFNVDMPEDSDTYLHRVARAGRFGTKGLAITFVSDE NDAKILNDVQDRFEVNISELPDEIDISSYIEQTR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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](#)

GeneBank Accession# [NM_004640](#)

Protein Accession# [NP_004631](#)

Gene Name BAT1

Gene Alias D6S81E, DDX39B, UAP56

Gene Description HLA-B associated transcript 1

Omim ID [142560](#)

Gene Ontology [Hyperlink](#)

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]

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](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
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- [Tobacco Use Disorder](#)