

Recombinant Human BAT1 293 Cell Lysate

Cat. No. DDX39B-8512HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for HLA-B associated transcript 1 (BAT1), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [DDX39B?DEAD \(Asp-Glu-Ala-Asp\) box polypeptide 39B \[?Homo sapiens\(human\) \]](#)

Official Symbol DDX39B

Synonyms

DDX39B; DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B; BAT1; UAP56; D6S81E; spliceosome RNA helicase DDX39B; spliceosome RNA helicase BAT1; ATP-dependent RNA helicase p47; 56 kDa U2AF65-associated protein; nuclear RNA helicase (DEAD family); HLA-B-associated transcript 1 protein; NP_004631.1; EC 3.6.4.13; NP_542165.1

Gene ID [7919](#)

mRNA Refseq [NM_080598](#)

Protein Refseq [NP_542165](#)

MIM [142560](#)

UniProt ID [Q13838](#)

Chromosome Location 6p21.3

Pathway

Exon junction complex (EJC), organism-specific biosystem; Influenza A, organism-specific biosystem; RNA transport, conserved biosystem; TREX complex, organism-

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specific biosystem

Function

ATP binding; ATP-dependent RNA helicase activity; RNA-dependent ATPase activity; protein binding

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