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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATIC 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000471-T02 **規格 :** [100 uL]

List All

Specification

Transfected Cell Line: 293T

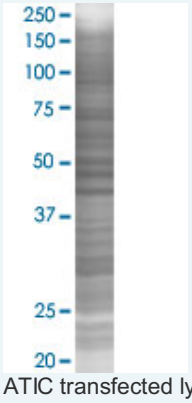
Plasmid: pCMV-ATIC full-length

Host: Human

Theoretical MW (kDa): 64.6

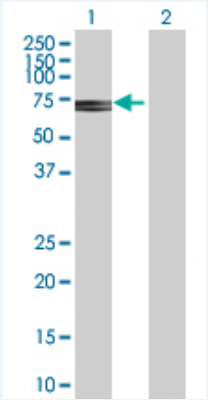
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATIC antibody (H00000471-D01P) by Western Blots.

SDS-PAGE Gel



ATIC transfected lysate.

Western Blot



Lane 1: ATIC transfected lysate (64.60 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS: Download

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID:	471
GeneBank Accession#:	NM_004044.4
Protein Accession#:	NP_004035.2
Gene Name:	ATIC
Gene Alias:	AICAR,AICARFT,FLJ93545,IMPCHASE,PURH
Gene Description:	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
Omim ID:	601731, 608688
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes a bifunctional protein that catalyzes the last two steps of the de novo purine biosynthetic pathway. The N-terminal domain has phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria. [provided by RefSeq
Other Designations:	AICARFT/IMPCHASE

Gene Pathway

Biosynthesis of alkaloids derived from histidine and purine Biosynthesis of plant hormones Metabolic pathways One carbon pool by folate Purine metabolism

Related Disease

Arthritis, Rheumatoid Cardiovascular Diseases Cleft Lip Cleft Palate Colorectal Neoplasms Diabetes Mellitus, Type 2 Edema Gastrointestinal Diseases Genetic Predisposition to Disease Liver Diseases Psoriasis Spinal Dysraphism Venous Thrombosis