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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

ATIC 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000471-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

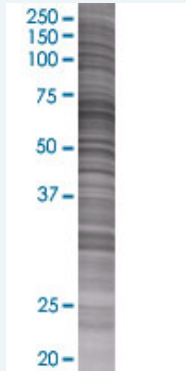
Plasmid: pCMV-ATIC full-length

Host: Human

Theoretical MW (kDa): 65.23

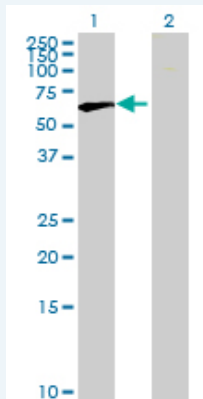
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATIC antibody (H00000471-B01) by Western Blots.

SDS-PAGE Gel



ATIC transfected lysate.

Western Blot



Lane 1: ATIC transfected lysate (65.23 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

Western Blot

Gene Information

Entrez GeneID: [471](#)

GeneBank [NM_004044.4](#)
Accession#:

Protein [NP_004035.2](#)
Accession#:

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

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