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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) 

HARS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003035-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

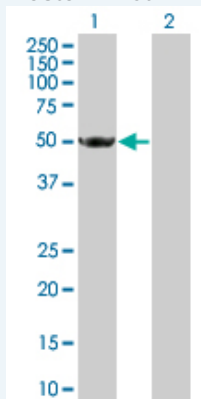
Plasmid: pCMV-HARS full-length

Host: Human

Theoretical MW (kDa): 56.1

Quality Control Testing: Transient overexpression cell lysate was tested with Anti-HARS antibody (H00003035-B01) by Western Blots.

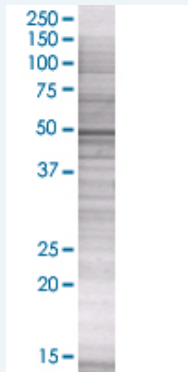
Western Blot



Lane 1: HARS transfected lysate (57.4 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel



HARS 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: [3035](#)

GeneBank Accession#: [NM_002109](#)

Protein Accession#: [NP_002100](#)

Gene Name: HARS

Gene Alias: FLJ20491,HRS

Gene Description: histidyl-tRNA synthetase

Omim ID: [142810](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is a cytoplasmic enzyme which belongs to the class II family of aminoacyl-tRNA synthetases. The enzyme is responsible for the synthesis of histidyl-transfer RNA, which is essential for the incorporation of histidine into proteins. The gene is located in a head-to-head orientation with HARS1 on chromosome five, where the homologous genes share a bidirectional promoter. The gene product is a frequent target of autoantibodies in the human autoimmune disease polymyositis/dermatomyositis. [provided by RefSeq]

Other Designations: HisRS,histidine tRNA ligase 1, cytoplasmic,histidine transylase,histidine-tRNA ligase

Gene Pathway

[Aminoacyl-tRNA biosynthesis](#)