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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AZU1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000566-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

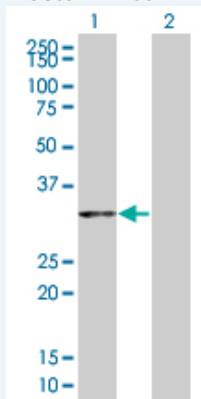
Plasmid: pCMV-AZU1 full-length

Host: Human

Theoretical MW (kDa): 27.72

Quality Control Testing: Transient overexpression cell lysate was tested with Anti-AZU1 antibody (H00000566-B01) by Western Blots.

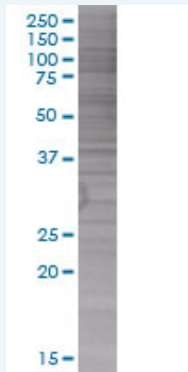
Western Blot



Lane 1: AZU1 transfected lysate (26.9 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel



AZU1 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: [566](#)

GeneBank Accession#: [NM_001700](#)

Protein Accession#: [NP_001691](#)

Gene Name: AZU1

Gene Alias: AZAMP,AZU,CAP37,HBP,HUMAZUR,NAZC

Gene Description: azurocidin 1

Omim ID: [162815](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Azurophil granules, specialized lysosomes of the neutrophil, contain at least 10 proteins implicated in the killing of microorganisms. The protein encoded by this gene is an azurophil granule antibiotic protein, with monocyte chemotactic and antibacterial activity. It is also an important multifunctional inflammatory mediator. This encoded protein is a member of the serine protease gene family but it is not a serine proteinase, because the active site serine and histidine residues are replaced. The genes encoding this protein, neutrophil elastase 2, and proteinase 3 are in a cluster located at chromosome 19pter. All 3 genes are expressed coordinately and their protein products are packaged together into azurophil granules during neutrophil differentiation. [provided by RefSeq]

Other Designations: cationic antimicrobial protein 37,heparin-binding protein,neutrophil azurocidin

Related Disease

[HIV Infections](#)