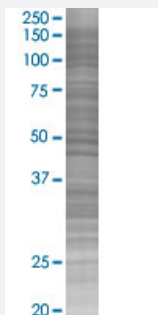


ACP5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000054-T02

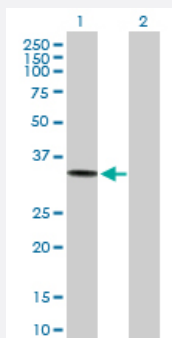
Size 100 uL

Applications



SDS-PAGE Gel

ACP5 transfected lysate.



Western Blot

Lane 1: ACP5 transfected lysate (36.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ACP5 full-length

Host Human

Theoretical MW (kDa) 36.6

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ACP5 antibody ([H00000054-B01P](#)) by Western Blots.
 SDS-PAGE Gel
 ACP5 transfected lysate.
 Western Blot
 Lane 1: ACP5 transfected lysate (36.60 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.

Applications

- Western Blot

Gene Info — ACP5

Entrez GeneID[54](#)**GeneBank Accession#**[NM_001611.2](#)**Protein Accession#**[NP_001602.1](#)**Gene Name**

ACP5

Gene Alias

MGC117378, TRAP

Gene Description

acid phosphatase 5, tartrate resistant

Omim ID[171640](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. [provided by RefSeq]

Other Designations

TrATPase|tartrate resistant acid phosphatase 5|tartrate-resistant acid ATPase

Pathway

- [gamma-Hexachlorocyclohexane degradation](#)
- [Lysosome](#)
- [Riboflavin metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Osteonecrosis](#)