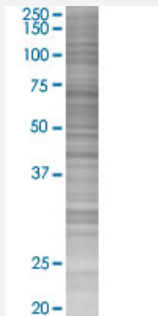


ACP2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000053-T01

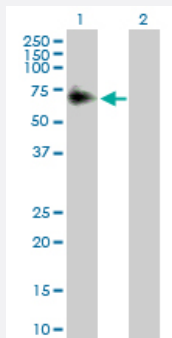
Size 100 uL

Applications



SDS-PAGE Gel

ACP2 transfected lysate.



Western Blot

Lane 1: ACP2 transfected lysate (48.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACP2 full-length
Host	Human
Theoretical MW (kDa)	48.3
Interspecies Antigen Sequence	Mouse (90); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACP2 antibody ([H00000053-D01P](#)) by Western Blots.
SDS-PAGE Gel
ACP2 transfected lysate.
Western Blot
Lane 1: ACP2 transfected lysate (48.30 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 — ACP2

Entrez GeneID[53](#)**GeneBank Accession#**[BC003160.1](#)**Protein Accession#**[AAH03160.1](#)**Gene Name**

ACP2

Gene Alias

-

Gene Description

acid phosphatase 2, lysosomal

Omim ID[171650](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the beta subunit of lysosomal acid phosphatase (LAP). LAP is chemically and genetically distinct from red cell acid phosphatase. The encoded protein belongs to a family of distinct isoenzymes which hydrolyze orthophosphoric monoesters to alcohol and phosphate. Mutations in this gene or in the related alpha subunit gene cause acid phosphatase deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

-

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)
- [Supranuclear Palsy](#)