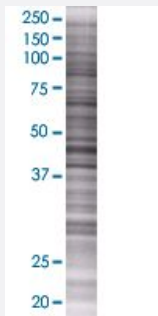


CPA5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00093979-T01

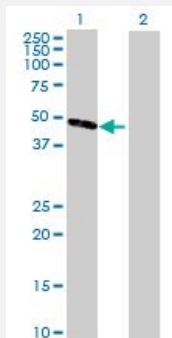
Size 100 uL

Applications



SDS-PAGE Gel

CPA5 transfected lysate.



Western Blot

Lane 1: CPA5 transfected lysate (49 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CPA5 full-length
Host	Human
Theoretical MW (kDa)	49
Interspecies Antigen Sequence	Mouse (84); Rat (83)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CPA5 antibody ([H00093979-B01](#)) by Western Blots.
SDS-PAGE Gel
CPA5 transfected lysate.
Western Blot
Lane 1: CPA5 transfected lysate (49 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 — CPA5

Entrez GeneID

[93979](#)

GeneBank Accession#

[NM_080385](#)

Protein Accession#

[NP_525124](#)

Gene Name

CPA5

Gene Alias

FLJ35969

Gene Description

carboxypeptidase A5

Omim ID

[609561](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Carboxypeptidases have functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Members of the A/B subfamily of carboxypeptidases, such as CPA5, contain an approximately 90-amino acid pro region that assists in the folding of the active carboxypeptidase domain. Cleavage of the pro region activates the enzyme (Wei et al., 2002 [PubMed 11836249]).[supplied by OMIM]

Other Designations

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