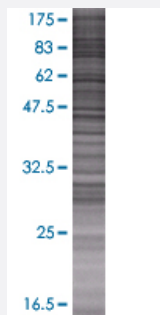


THTPA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00079178-T01

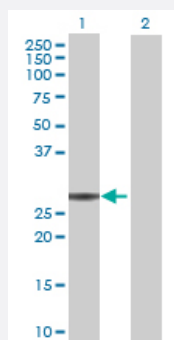
Size 100 uL

Applications



SDS-PAGE Gel

THTPA transfected lysate.



Western Blot

Lane 1: THTPA transfected lysate (25.41 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-THTPA full-length
Host	Human
Theoretical MW (kDa)	25.41
Interspecies Antigen Sequence	Mouse (74); Rat (73)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-THTPA antibody ([H00079178-B01](#)) by Western Blots.
SDS-PAGE Gel
THTPA transfected lysate.
Western Blot
Lane 1: THTPA transfected lysate (25.41 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 — THTPA

Entrez GeneID [79178](#)

GeneBank Accession# [NM_024328.2](#)

Protein Accession# [NP_077304.1](#)

Gene Name THTPA

Gene Alias MGC2652, THTP, THTPASE

Gene Description thiamine triphosphatase

Omim ID [611612](#)

Gene Ontology [Hyperlink](#)

Gene Summary Thiamine triphosphatase (THTPA) catalyzes the hydrolysis of thiamine triphosphate (THTP) to thiamine diphosphate (THDP), which is the major cellular form of thiamine (vitamin B1) (Lakaye et al., 2002 [PubMed 11827967]).[supplied by OMIM]

Other Designations -

Pathway

- [Metabolic pathways](#)

- [Thiamine metabolism](#)