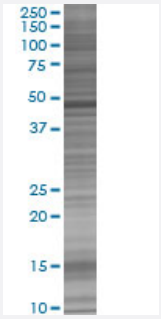
ENO1 293T Cell Transient Overexpression Lysate(Denatured)

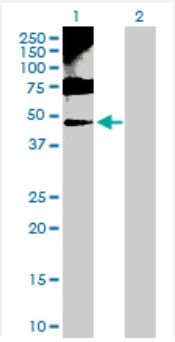
Catalog # H00002023-T01 Size 100 uL

Applications



SDS-PAGE Gel

ENO1 transfected lysate.



Western Blot

Lane 1: ENO1 transfected lysate (47.20 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ENO1 full-length
Host	Human
Theoretical MW (kDa)	47.2
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ENO1 antibody (H00002023-D01P) by We stern Blots. SDS-PAGE Gel ENO1 transfected lysate. Western Blot Lane 1: ENO1 transfected lysate (47.20 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 — ENO1

Entrez GeneID	2023
GeneBank Accession#	NM_001428.2
Protein Accession#	NP_001419.1
Gene Name	ENO1
Gene Alias	ENO1L1, MBP-1, MPB1, NNE, PPH
Gene Description	enolase 1, (alpha)
Omim ID	172430
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of three enolase isoenzymes found in mammals; it encodes alpha-enolase, a homodimeric soluble enzyme, and also encodes a shorter monomeric structural lens protein, tau-crystallin. The two proteins are made from the same message. The full length protein, the isoenzyme, is found in the cytoplasm. The shorter protein is produced from an alternative translation start, is localized to the nucleus, and has been found to bind to an element in the c-myc promoter. A pseudogene has been identified that is located on the other arm of the same chromosome. [provided by RefSeq
Other Designations	2-phospho-D-glycerate hydro-lyase|MYC promoter-binding protein 1|OTTHUMP00000001706|alpha enolase like 1|enolase 1|non-neural enolase|phosphopyruvate hydratase|tau-crystallin

Pathway

- Biosynthesis of alkaloids derived from histidine and purine
- Biosynthesis of alkaloids derived from ornithine

- Biosynthesis of alkaloids derived from shikimate pathway
- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Biosynthesis of phenylpropanoids
- Biosynthesis of plant hormones
- Biosynthesis of terpenoids and steroids
- Glycolysis / Gluconeogenesis
- Metabolic pathways
- RNA degradation

Disease

- Myocardial Infarction