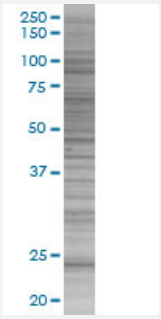
AMELX 293T Cell Transient Overexpression Lysate(Denatured)

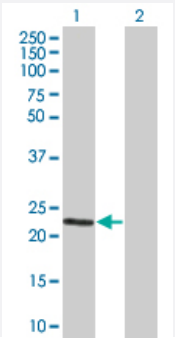
Catalog # H00000265-T01 Size 100 uL

Applications



SDS-PAGE Gel

AMELX transfected lysate.



Western Blot

Lane 1: AMELX transfected lysate (21.12 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AMELX full-length
Host	Human
Theoretical MW (kDa)	21.12
Interspecies Antigen Sequence	Rat (79)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-AMELX antibody (H00000265-B01) by Western Blots. SDS-PAGE Gel AMELX transfected lysate. Western Blot Lane 1: AMELX transfected lysate (21.12 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 — AMELX

Entrez GeneID	265
GeneBank Accession#	NM_001142.2
Protein Accession#	-
Gene Name	AMELX
Gene Alias	AIH1, ALGN, AMG, AMGL, AMGX
Gene Description	amelogenin (amelogenesis imperfecta 1, X-linked)
Omim ID	300391 301200
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the amelogenin family of extracellular matrix proteins. Amelogenins are involved in biomineralization during tooth enamel development. Mutations in this gene cause X-linked amelogenesis imperfecta. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	OTTHUMP00000022906|OTTHUMP00000022907|amelogenin (X chromosome)|amelogenin (X chromosome, amelogenesis imperfecta 1)

Disease

- Cardiovascular Diseases
- Dental Caries
- Diabetes Mellitus
- Edema