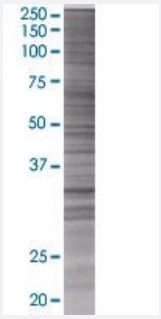
FN3K 293T Cell Transient Overexpression Lysate(Denatured)

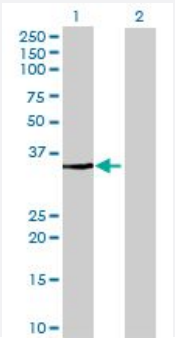
Catalog # H00064122-T01 Size 100 uL

Applications



SDS-PAGE Gel

FN3K transfected lysate.



Western Blot

Lane 1: FN3K transfected lysate (34.1 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FN3K full-length
Host	Human
Theoretical MW (kDa)	34.1
Interspecies Antigen Sequence	Mouse (88)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-FN3K antibody (H00064122-B01) by Western Blots. SDS-PAGE Gel FN3K transfected lysate. Western Blot Lane 1: FN3K transfected lysate (34.1 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 — FN3K

Entrez GeneID	64122
GeneBank Accession#	NM_022158.2
Protein Accession#	NP_071441.1
Gene Name	FN3K
Gene Alias	-
Gene Description	fructosamine 3 kinase
Omim ID	608425
Gene Ontology	Hyperlink
Gene Summary	FN3K catalyzes phosphorylation of fructosamines formed by glycation, the nonenzymatic reaction of glucose with primary amines followed by Amadori rearrangement. Phosphorylation of fructosamines may initiate metabolism of the modified amine and result in deglycation of glycated proteins (Delpierre et al., 2000 [PubMed 11016445]).[supplied by OMIM
Other Designations	fructosamine-3-kinase

Disease

- Diabetes Mellitus
- Diabetic Angiopathies