

# FN3K 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00064122-T02 Size 100 uL

### Applications



#### SDS-PAGE Gel

FN3K transfected lysate.

#### Western Blot

Lane 1: FN3K transfected lysate ( 35.20 KDa) Lane 2: Non-transfected lysate.

Specification	
Transfected Cell Line	293T
Plasmid	pCMV-FN3K full-length
Host	Human
Theoretical MW (kDa)	35.2
Interspecies Antigen Sequence	Mouse (88)



### **Product Information**

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-FN3K antibody (H00064122-D01) by West ern Blots. SDS-PAGE Gel FN3K transfected lysate. Western Blot Lane 1: FN3K transfected lysate ( 35.20 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% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

### Applications

• Western Blot

## Gene Info — FN3K

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

😵 Abnova

**Product Information** 

- Diabetes Mellitus
- Diabetic Angiopathies