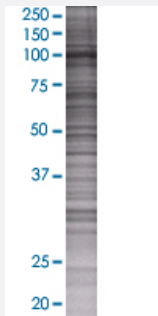


FUK 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00197258-T01

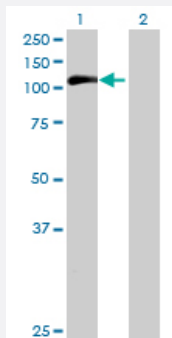
Size 100 uL

Applications



SDS-PAGE Gel

FUK transfected lysate.



Western Blot

Lane 1: FUK transfected lysate (119.35 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-FUK full-length

Host Human

Theoretical MW (kDa) 119.35

Quality Control Testing Transient overexpression cell lysate was tested with Anti-FUK antibody ([H00197258-B01](#)) by Western Blots.
 SDS-PAGE Gel
 FUK transfected lysate.
 Western Blot
 Lane 1: FUK transfected lysate (119.35 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 — FUK

Entrez GeneID	197258
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GeneBank Accession#	NM_145059.2
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Protein Accession#	NP_659496.2
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Gene Name	FUK
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Gene Alias	1110046B12Rik, FLJ39408
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Gene Description	fucokinase
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Omim ID	608675
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Gene Ontology	Hyperlink
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Gene Summary	The protein encoded by this gene belongs to the GHMP (galacto-, homoserine, mevalonate and phosphomevalonate) kinase family and catalyzes the phosphorylation of L-fucose to form beta-L-fucose 1-phosphate. This enzyme catalyzes the first step in the utilization of free L-fucose in glycoprotein and glycolipid synthesis. L-fucose may be important in mediating a number of cell-cell interactions such as blood group antigen recognition, inflammation, and metastasis. While several transcript variants may exist for this gene, the full-length nature of only one has been described to date. [provided by RefSeq]
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Other Designations	L-fucose kinase OTTHUMP00000082728
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Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)