

Bioactive

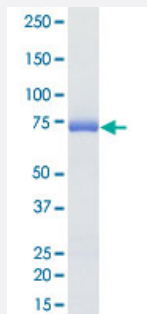
Full-Length

# ULK3 (Human) Recombinant Protein

Catalog # P5660

Size 5 ug

## Applications



## Result of activity analysis

Result of activity analysis

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## Specification

<b>Product Description</b>	Human ULK3 (NP_001092906.1, 1 a.a. - 472 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
<b>Host</b>	insect
<b>Theoretical MW (kDa)</b>	81
<b>Form</b>	Liquid
<b>Preparation Method</b>	Baculovirus infected insect cell (Sf21) expression system
<b>Purification</b>	Glutathione sepharose chromatography
<b>Purity</b>	96 % by SDS-PAGE/CBB staining

Activity	The activity was determined by ELISA. The enzyme was incubated with biotinylated substrate protein , and after stopping kinase reaction by EDTA, the reaction solution was transferred into streptavidin-coated plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit Ig G. Substrate: MBP. ATP: 100 uM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — ULK3

Entrez GeneID	<a href="#">25989</a>
Protein Accession#	<a href="#">NP_001092906.1</a>
Gene Name	ULK3
Gene Alias	DKFZp434C131, FLJ90566
Gene Description	unc-51-like kinase 3 (C. elegans)
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	unc-51-like kinase 3

## Pathway

- [mTOR signaling pathway](#)
- [Regulation of autophagy](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Leukemia](#)
- [Neovascularization](#)