

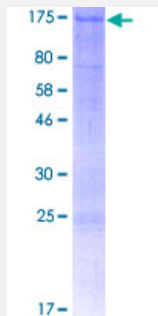
Full-Length

ULK1 (Human) Recombinant Protein (P01)

Catalog # H00008408-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ULK1 full-length ORF (AA11604.1, 1 a.a. - 1050 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEPGRGGTETVGKFEFSRKDLIGHGAFVVFVKGRHREKHDLEVAVKCKINKKNLAQSQTLLGKEIKI
LKEKHNENIVALYDFQEMANSVYLVMEYCNGGDLADYLHAMRTLSEDTIRLFLQQIAGAMRLLHSK
GIIHRDLKPQNILLSNPAGRRANPNSIRVKIADFGFARYLQSNMMAATLCGSPMYMAPEVIMSQHYD
GKADLWSIGTIVYQCLTGKAPFQASSPQDLRLFYEKNKTLVPTIPRETSAPLRQLLLALLQRNHKDR
MDFDEFFHHPFLDASPSVRKSPVPVPVPSYPSSSGSGSSSSSSSTSHLASPPSLGEMQQLQKTLA
SPADTAGFLHSSRDSGGSKDSSCDTDDFVMVPAQFPGDLVAEAPSAKPPPDSLMCSGSSLVA
SAGLESHGRTPSPSPPCSSSPSPSGRAGPFSSSRCGASVPIPVPTQVQNYQRIERNLSPTQFQ
TPRSSAIRSGSTSPLGFARASPPPAHAHEHGGVLARKMSLGGGRPYTPSPQVGTIPERPGWSG
TPSPQGAEMRGRSPRPGSSAPEHSPRTSGLGCRHLSAPNLSDLHVVRPKLPKPPTDPLGAVF
SPPQASPPQPSHGLQSCRNLRGSPKLPDFLQRNPLPPILGSPTKAVPSFDFPKTPSSQNLLALLA
RQGVVMTPPRNLTPDLSEVGPFHGGQLPGPLRPGEDPKGPFGRSFSTSRDLTDLKAAFGTQA
PDPGSTESLQEKPMIAPSAGFGGSLHPGARAGGTSSSPSPVFTVGSPPSGSTPPQGPRTRMF
SAGPTGSASSSARHLVPGPCSEAPAPELPAPGHGCSFADPITANLEGAVTFEAPDLPEETLMEQ
EHTEILRGLRFTLLFVQHVLEIAALKGSASEAAGGPEYQLQESVVADQISLLSREWGFAEQLVLYL
KVAELLSSGLQSAIDQIRAGKLCLSSTVKQVVRRLNELYKASVVSCQGLSLRLQRFFLDKQRLDR
IHSITAERLIFSHAVQMVQSAALDEMFQHREGCVPRYHKALLLLEGLQHMLSDQADIENVTKCKLCI
ERRLSALLTGICA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

142.45

Interspecies Antigen Sequence	Mouse (89); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ULK1

Entrez GeneID	8408
GeneBank Accession#	BC111603
Protein Accession#	AAI11604.1
Gene Name	ULK1
Gene Alias	ATG1, FLJ38455, UNC51, Unc51.1
Gene Description	unc-51-like kinase 1 (C. elegans)
Omim ID	603168
Gene Ontology	Hyperlink
Other Designations	ATG1 autophagy related 1 homologunc-51-like kinase 1

Pathway

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