

Active Recombinant Human ULK2 protein, GST-tagged

Cat. No. ULK2-456H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ULK2(1-478 aa) fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-478 a.a.
Description	This gene encodes a protein that is similar to a serine/threonine kinase in <i>C. elegans</i> which is involved in axonal elongation. The structure of this protein is similar to the <i>C. elegans</i> protein in that both proteins have an N-terminal kinase domain, a central proline/serine rich (PS) domain, and a C-terminal (C) domain. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternatively spliced transcript variants encoding the same protein have been identified.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	102 nmol/min/mg
Molecular Mass	~98 kDa
Purity	> 80%

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Applications	Kinase Assay, Western Blot
Stability	1 year at -70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1µg/µl

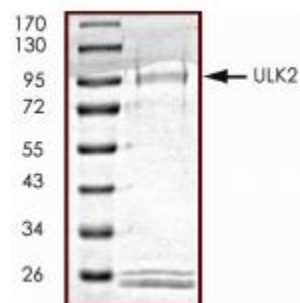
GENE INFORMATION

Gene Name	ULK2 unc-51-like kinase 2 (C. elegans) [Homo sapiens]
Official Symbol	ULK2
Synonyms	ULK2; unc-51-like kinase 2 (C. elegans); unc 51 (C. elegans) like kinase 2; serine/threonine-protein kinase ULK2; ATG1B; KIAA0623; Unc51.2;
Gene ID	9706
mRNA Refseq	NM_014683
Protein Refseq	NP_055498
MIM	608650
UniProt ID	Q8IYT8

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