

Product datasheet for **TP762011**

ULK2 (NM_014683) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human unc-51-like kinase 2 (C. elegans) (ULK2), transcript variant 1, Arg408-Pro702, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Arg408-Pro702) of ULK2
Tag:	N-His
Predicted MW:	31.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055498
Locus ID:	9706
UniProt ID:	Q8IYT8
RefSeq Size:	9165
Cytogenetics:	17p11.2
RefSeq ORF:	3108
Synonyms:	ATG1B; Unc51.2



[View online »](#)

Summary:

This gene encodes a protein that is similar to a serine/threonine kinase in *C. elegans* which is involved in axonal elongation. The structure of this protein is similar to the *C. elegans* 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. [provided by RefSeq, Dec 2008]

Protein Families:

Druggable Genome, Protein Kinase

Protein Pathways:

mTOR signaling pathway, Regulation of autophagy

Product images: