

Datasheet for ABIN6700842
ULK4 Protein (GST tag)



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Overview

Quantity:	20 µg
Target:	ULK4 (ULK24)
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ULK4 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	ULK4 recombinant protein-GST fusion protein
Purification:	Recombinant human ULK4 (amino acids 1-616) was expressed by baculovirus in Sf9 insect cells using an N-terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >75% by densitometry.
Purity:	>75%

Target Details

Target:	ULK4 (ULK24)
Alternative Name:	ULK4 (ULK24 Products)
Background:	Synonyms: DKFZp434E1822, FAM7C1, FLJ20574, REC01035, Serine/threonine-protein kinase ULK4, Unc-51-like kinase 4 Background: ULK4, or Unc-51-like kinase 4, is a Ser/Thr protein kinase that is a member of the

Target Details

APG1/unc-51/ULK1 subfamily. ULK4 contains five HEAT repeats and a catalytic kinase domain. The ULK4 gene is conserved in many species including chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, A.thaliana, and rice (1). ULK4 has been implicated as a gene involved in the development of hydrocephalus (2). This neurologic disorder in animal models is being used to elucidate factors responsible for the excessive accumulation of cerebrospinal fluid in hydrocephalic humans. ULK4 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Apoptosis/Autophagy, Cancer, and Ser/Thr Kinases research.

NCBI Accession: [NM_017886](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: ULK4 Protein is suitable for use in Western Blot. Expect a band approximately ~97 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.1 µg/µL

Buffer: ULK4 Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. 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.

Expiry Date: 12 months