

Datasheet for ABIN6700788
UHKM1 Protein (GST tag)



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Overview

Quantity:	20 µg
Target:	UHKM1
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UHKM1 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	UHKM1 (KIS) recombinant protein-GST fusion protein
Purification:	Recombinant full-length human UHKM1 was expressed by baculovirus in Sf9 insect cells using an N-terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Purity:	>70%

Target Details

Target:	UHKM1
Alternative Name:	UHKM1 (UHKM1 Products)
Background:	Synonyms: UHKM1, KIS, KIST, Serine/threonine-protein kinase Kist, Kinase interacting with stathmin, PAM COOH-terminal interactor protein 2, P-CIP2, U2AF homology motif kinase 1 Background: UHKM1 (KIS) or U2AF homology motif (UHM) kinase 1 is a serine/threonine

Target Details

protein kinase that promotes cell cycle progression through G1 phase. UHMK1 phosphorylates the cyclin-dependent kinase inhibitor 1B (p27Kip1) and this results in its export to the nucleus where it undergoes degradation. UHMK1 is a growth factor-dependent nuclear kinase which can regulate cell cycle progression (1). Elevated levels of UHMK1 protein in leukemia cells has been shown to promote cell cycle progression. UHMK1 has also been shown to function in the adult nervous system where it is highly expressed and the gene has been associated with schizophrenia (2). UHMK1 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Cancer, Cell Cycle, and Ser/Thr Kinases research.

NCBI Accession: [NM_144624](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: UHMK1 Protein is suitable for use in Western Blot. Expect a band approximately ~65 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: 0.05 µg/µL

Buffer: UHMK1 Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 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