

Product datasheet for **TP314962M**

KIST (UHK1) (NM_175866) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human U2AF homology motif (UHM) kinase 1 (UHK1), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC214962 representing NM_175866
Red=Cloning site **Green**=Tags(s)

MAGSGCAWGAEPFRFLEAFGRWLWQVQSRLGSGSSASVYRVRCCGNPGSPGALKQFLPPGTTGAAASAAE
YGFRKERAALQLQGHRNIVTLYGVFTIHFSPNVPSRCLLLELLDVSSELLYSSHQGCSMWMIQHCAR
DVLEALAFLLHHEGYVHADLKPRNILWSAENECFLIDFGLSFKEGNQDVKIYQTDGYRAPEAELQNCLAQ
AGLQSDTECTSAVDLWLSGILLEMFGMMLKHTVRSQEWKANSSAIDHIFASKAVVNAIPAYHLRDL
IKSMLHDDPSRRIPAEMALCSPFFSIPFAPHIEDLVMLPTPVLRLLLNVLDDDYLENEEYEDVVEDVKEE
CQKYGPVVSLLVPKENPGRGQVFVEYANAGDSKAAQKLLTGRMFDGKFWATFYPLSAYKRGYLYQTLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 46.4 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, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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_787062](#)
Locus ID: 127933



[View online »](#)

UniProt ID: [Q8TAS1](#)

RefSeq Size: 2901

Cytogenetics: 1q23.3

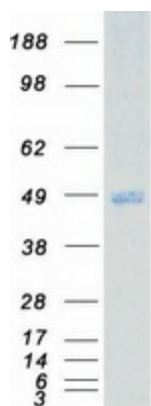
RefSeq ORF: 1257

Synonyms: KIS; KIST; P-CIP2

Summary: The gene encodes a serine/threonine protein kinase that promotes cell cycle progression through G1 by phosphorylation of the cyclin-dependent kinase inhibitor 1B (p27Kip1), which causes nuclear export and degradation. The encoded protein is also thought to function in the adult nervous system and the gene has been associated with schizophrenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified UHKM1 protein (Cat# [TP314962]). The protein was produced from HEK293T cells transfected with UHKM1 cDNA clone (Cat# [RC214962]) using MegaTran 2.0 (Cat# [TT210002]).