

Product datasheet for AR09628PU-L

OriGene Technologies, Inc.

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Guanylate kinase / GUK1 (1-197, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Guanylate kinase / GUK1 (1-197, His-tag) human recombinant protein, 0.5 mg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MSGPRPVVLS GPSGAGKSTL LKRLLQEHSG IFGFSVSHTT or AA Sequence: RNPRPGEENG KDYYFVTREV MQRDIAAGDF IEHAEFSGNL YGTSKVAVQA VQAMNRICVL

DVDLQGVRNI KATDLRPIYI SVQPPSLHVL EQRLRQRNTE TEESLVKRLA AAQADMESSK EPGLFDVVII

NDSLDQAYAE LKEALSEEIK KAQRTGA

Tag: His-tag Predicted MW: 23.9 kDa **Concentration:** lot specific

>90% by SDS - PAGE **Purity:**

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT, 0.1M NaCl

Preparation: Liquid purified protein

Protein Description: Recombinant human GUK1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch. Stability:

RefSeq: NP 000849

2987 Locus ID:

UniProt ID: Q16774, Q6IBG8

Cytogenetics: 1q42.13 GMK Synonyms:





Summary: The protein encoded by this gene is an enzyme that catalyzes the transfer of a phosphate

group from ATP to guanosine monophosphate (GMP) to form guanosine diphosphate (GDP). The encoded protein is thought to be a good target for cancer chemotherapy. Several

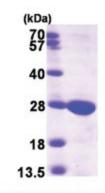
transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Jun 2011]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Purine metabolism

Product images:



15% SDS-PAGE (3ug)