

Recombinant Human GUK1 protein, His-SUMO-tagged

Cat. No. GUK1-4406H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GUK1 protein(Q16774)(2-197aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	2-197aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	37.6 kDa
AA Sequence	SGPRPVVLSGSPGAGKSTLLKRLLQEHSGIFGFSVSHTTNRNRPGEENGKDYYFVT REVMQRDIAAGDFIEHAEFSGNLYGTSKVAVQAVQAMNRCVLDVDLQGVRNIKATD LRPIYISVQPPSLHVLEQRLRQRNTEETESLVKRLAAAQADMESSEKEPGLFDVVIIND SLDQAYAEELKEALSEEIKKAQRTGA
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	GUK1 guanylate kinase 1 [Homo sapiens]
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Official Symbol	GUK1
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Synonyms	GUK1; guanylate kinase 1; guanylate kinase; GMP kinase; ATP:GMP phosphotransferase; GMK; FLJ42686; FLJ43710;
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Gene ID	2987
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mRNA Refseq	NM_000858
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Protein Refseq	NP_000849
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MIM	139270
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UniProt ID	Q16774
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