

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	SGPRPVVLSGSPGAGKSTLLKRLQEHSGIFGFSVSHTRNPRPGEENGKDYYFVT REVMQRDIAAGDFIEHAEFSGNLYGTSKVAVQAVQAMNRCVLDVDLQGVRNIKATD LRPIYISVQPPSLHVLEQRLRQRNTEETESLVKRLAAAQADMESSEKPEGLFDVVIIND SLDQAYAELKEALSEEIKKAQRTGA
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 \[Homo sapiens \]](#)

Official Symbol [GUK1](#)

Synonyms GUK1; guanylate kinase 1; guanylate kinase; GMP kinase; ATP:GMP phosphotransferase; GMK; FLJ42686; FLJ43710;

Gene ID [2987](#)

mRNA Refseq [NM_000858](#)

Protein Refseq [NP_000849](#)

MIM [139270](#)

UniProt ID [Q16774](#)

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