

Recombinant Human GUK1 Protein (AA 1-198), N-His-Tagged

Cat. No. GUK1-31H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human GUK1 Protein (AA 1-198) with a N-His tag was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | AA 1-198 |
| Description | 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. |
| Form | Liquid |
| AA Sequence | MSGPRPVVLSGSPSGAGKSTLLKRLQLQEHSGIFGFSVSHTRNPRPGEENGKDYFV TREVLMQRDIAAGDFIEHAIEFSGNLYGTSKVAVQAVQAMNRCVLDVLDLQGVRNIKAT DLRPIYISVQPPSLHVLEQRLRQRNTEETEESLVKRLAAAQADMESKEPGLFDVVIIN DSLDQAYAEELKEALSEEIKKAQRTGA |
| Purity | > 95% as determined by SDS-PAGE |
| Storage | Stored and shipped at -80 centigrade |

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Storage Buffer PBS, pH 7.4

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

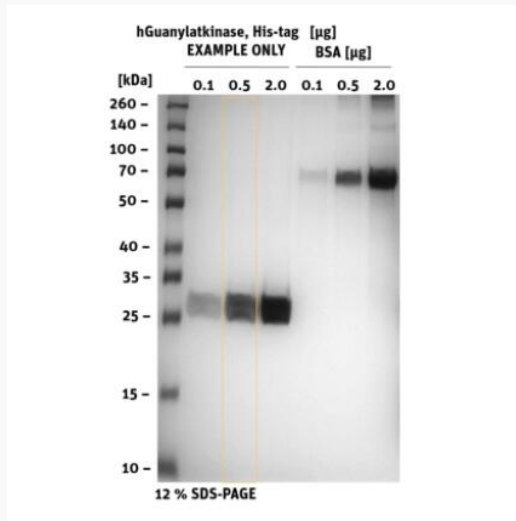
UniProt ID Q16774

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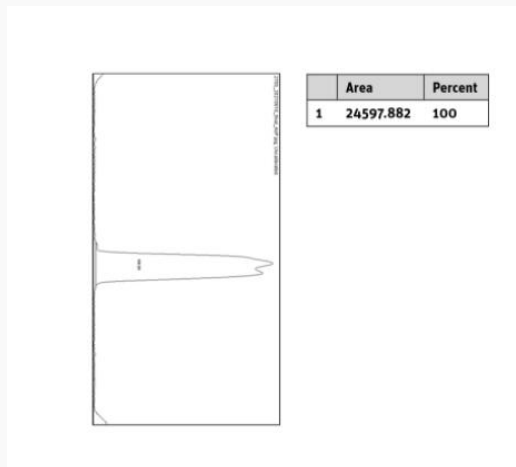
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SDS-PAGE



**Histogram of marked
lane in gel picture**



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