

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	MSGPRPVVLSPSGAGKSTLLKRLQEHSGIFGFSVSHTRNPRPGEENGKDYYFV TREVMDRDIAAGDFIEHAEFSGNLYGTSKVAVQAVQAMNRCVLDVDLQGVRNIKAT DLRPIYISVQPPSLHVLEQRLRQRNTETEEESLVKRLAAAQADMESKEPGLFDVVIIN DSLDAQAYAEELKEALSEEIKKAQRTGA
Purity	> 95% as determined by SDS-PAGE
Storage	Stored and shipped at -80 centigrade

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Storage Buffer	PBS, pH 7.4
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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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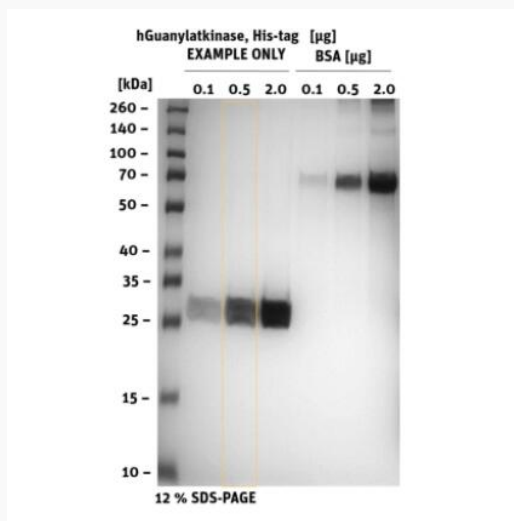
UniProt ID	Q16774
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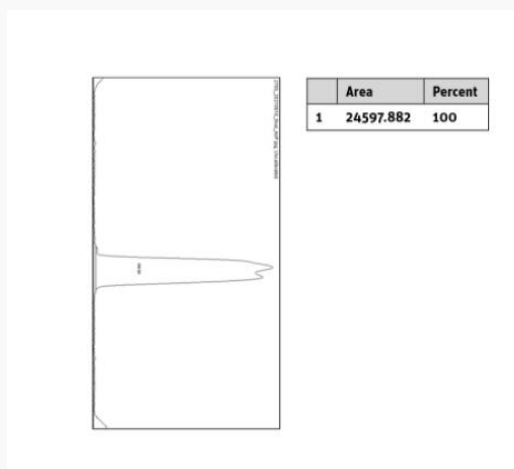
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SDS-PAGE



Histogram of marked lane in gel picture



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