

Guanylate kinase Recombinant Protein | GUK1 recombinant protein

Recombinant Human Guanylate kinase

CATALOG # AAA117696	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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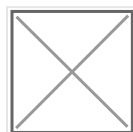
PRODUCT SYNONYMS

Guanylate kinase; Recombinant Human Guanylate kinase; GMP kinase; GUK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-197aa; Full-Length of the Mature Protein
Sequence	SGPRPVVLSG PSGAGKSTLL KRLQEHSGI FGFSVSHTR NPRPGEENGK DYYFVTREVM QRDIAAGDFI EHAEFSGNLY GTSKVAVQAV QAMNRCVLD VDLQGVNRNIK ATDLRPIYIS VQPPSLHVLE QRLRQRNTET EESLVKRLAA AQADMESSKE PGLFDVVIIN DSLDQAYAEI KEALSEEIKK AQRTGA
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GUK1 recombinant protein	Essential for recycling GMP and indirectly, cGMP.
Product Categories/Family for GUK1 recombinant protein	Cancer
References	"Human guanylate kinase (GUK1): cDNA sequence, expression and chromosomal localisation." Fitzgibbon J., Katsanis N., Wells D., Delhanty J., Vallins W., Hunt D.M. FEBS Lett. 385:185-188(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504221
NCBI GeneID	2987
NCBI Accession #	NP_000849.1
NCBI GenBank Nucleotide #	NM_000858.5
UniProt Accession #	Q16774 ; B1ANH1

Molecular Weight	37.6 kDa
NCBI Official Full Name	guanylate kinase isoform b
NCBI Official Synonym Full Names	guanylate kinase 1
NCBI Official Symbol	GUK1
NCBI Official Synonym Symbols	GMK
NCBI Protein Information	guanylate kinase
UniProt Protein Name	Guanylate kinase
UniProt Gene Name	GUK1
UniProt Synonym Gene Names	GMK
UniProt Entry Name	KGUA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/guk1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117696>