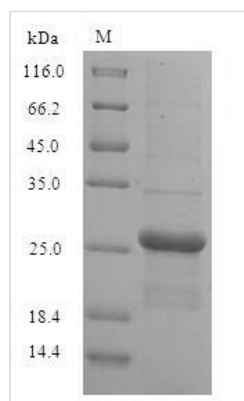




Recombinant Human Guanylate kinase (GUK1)

Product Code	CSB-EP619089HU
Relevance	Essential for recycling GMP and indirectly, cGMP.
Abbreviation	Recombinant Human GUK1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16774
Alias	GMP kinase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SGPRPVVLSGSPSGAGKSTLLKRLQEHSGIFGFSVSHHTTRNPRPGEENGKDY YFVTREVMQRDIAAGDFIEHAEFSGNLYGTSKVAVQAVQAMNRCVLDVDLQG VRNIKATDLRPIYISVQPPSLHVLEQRLRQRNTETEEESLVKRLAAAQADMESSEK EPGLFDVVIINDSLDQAYAEELKEALSEEIKKAQRTGA
Research Area	Cancer
Source	E.coli
Target Names	GUK1
Expression Region	2-197aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	37.6kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.