

## Product datasheet for TP501980

### Guk1 (NM\_008193) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse guanylate kinase 1 (Guk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201980 representing NM_008193 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MLRRPLVGLAVAALGRVPADGMAGPRPVLSGSPGAGKSTLLKLFQEHSSIFGFSVSHHTTRNPRPGEED GKDYYFVTREMMQRDIAAGDFIEHAEFSGNLYGTSKEAVRAVQAMNRCVLDVDLQGVRSIKKTDLCPIY IFVQPPSLDVLEQRLRLRNTETEEESLAKRLAAARTDMESSKEPGLFDLVIINDDLKAYATLKQALSEEI KKAQGTGHA  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	24 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_032219</a>
Locus ID:	14923
UniProt ID:	<a href="#">Q64520</a>
RefSeq Size:	1098



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<b>Cytogenetics:</b>	11 B1.3
<b>RefSeq ORF:</b>	657
<b>Synonyms:</b>	AA409738; AL033299; AL033300; AV026611; Gmk; Guk-1
<b>Summary:</b>	Essential for recycling GMP and indirectly, cGMP.[UniProtKB/Swiss-Prot Function]