

Active Recombinant *P. chrysogenum* KAPS Protein, His-tagged

Cat. No. KAPS-33P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>P. chrysogenum</i> KAPS Protein (Met1-Glu211) is produced by <i>E. coli</i> -derived expression system. This protein is fused with a C-terminal 6-His tag.
Species	<i>P.chrysogenum</i>
Source	<i>E.coli</i>
ProteinLength	Met1-Glu211
Predicted N Terminal	Ser2
Form	Supplied as a 0.2 µm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to phosphorylate adenosine 5'-phosphosulfate (APS). The specific activity is >100 pmol/min/µg, and is subject to known limitations imposed by a factor of coupling rate.
Molecular Mass	25 kDa
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane

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Storage

Avoid repeated freeze-thaw cycles.

6 months from date of receipt, -20 to -70 centigrade as supplied.

3 months, -20 to -70 centigrade under sterile conditions after opening.

GENE INFORMATION**UniProt ID**

Q12657

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