

Recombinant Escherichia coli YEGS Protein (1-299 aa), His-SUMO-tagged

Cat. No. YEGS-1993E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) YEGS Protein (1-299 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Microbiology. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-299 aa
Description	In vitro phosphorylates phosphatidylglycerol but not diacylglycerol; the in vivo substrate is unknown.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	48.0 kDa
AA Sequence	MAEFPASLLILNGKSTDNLPLREAIMLLREEGMTIHVRVTWEKGDAARYVEEARKFG VATVIAGGGDGTINEVSTALIQCEGDDIPALGILPLGTANDFATSVGIPEALDKALKLAI AGDAIAIDMAQVNKQTCFINMATGGFGTRITTETPEKLKAALGSVSYIIHGLMRMDTL QPDRCEIRGENFWQGDALVIGIGNGRQAGGGQQLCPNALINDGLLQLRIFTGDEIL PALVSTLKSDEDNPNIIEGASSWFDIQAPHDITFNLDGEPLSGQNFHIEILPAALRCRL PPDCPLLR

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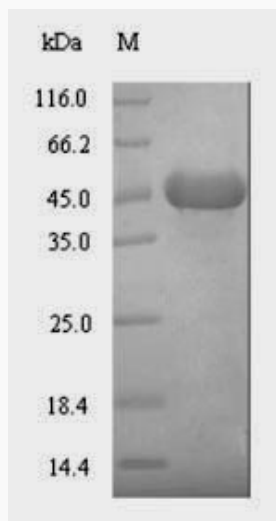
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	yegS lipid kinase [<i>Escherichia coli</i> str. K-12 substr. MG1655]
Official Symbol	YEGS
Synonyms	yegS; ECK2082;
Gene ID	946626
Protein Refseq	NP_416590
UniProt ID	P76407

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

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