

Recombinant Escherichia coli NIKR Protein (1-133 aa), His-tagged

Cat. No. NIKR-2357E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) NIKR Protein (1-133 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-133 aa
Description	Transcriptional repressor of the nikABCDE operon. Is active in the presence of excessive concentrations of intracellular nickel.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	19.1 kDa
AA Sequence	MQRVTITLDDDLLETLDLSLQRRGYNNRSEAIRDILRSALAQEATQQHGTQGFAVLS YVYEHEKRDLASRIVSTQH HHHDLSVATLHVHINHDDCLEIAVLKGDMDVQHFADD VIAQRGVRHGHLCQCLPKED
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name

nikR DNA-binding transcriptional repressor NikR [Escherichia coli str. K-12 substr. MG1655]

Official Symbol

NIKR

Synonyms

nikR; ECK3465; yhhG;

Gene ID

947995

Protein Refseq

NP_417938

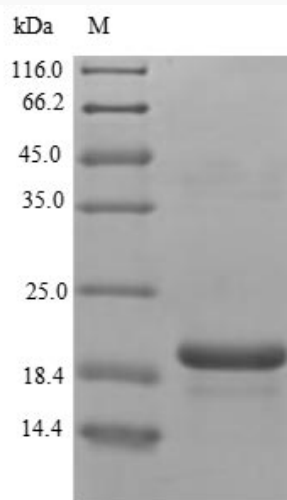
UniProt ID

P0A6Z6

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

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