

Recombinant Full Length Probable Sensor Histidine Kinase Nars(Nars) Protein, His-Tagged

Cat. No. RFL11231MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Probable sensor histidine kinase NarS(narS) Protein (O53857) (1-425aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mycobacterium Tuberculosis
Source	E.coli
ProteinLength	Full Length (1-425)
Form	Lyophilized powder
AA Sequence	MPSYGNLGRLLGGRHEYGVLVAMTSSAELDRVRWAHQRLRSYRIASVLRIGVVGLMVA AMVV GTSRSEWPQQIVLIGVYAVAALWALLAYSASRRFFALRRFRSMGRLEPFAF TAVDVLIL TGFQLLSTDGIYPLLIMILLPVLVGLDVSTRRAAVVLACTLVGFVAVALGD PVMLRAIGW PETIFRFALYAFLCATALMVVRIEERHTRSVAGLSALRAELLAQTMTAS EVLQRRIAEAI HDGPLQDVLAARQELIELDAVTPGDERVGRALAGLQSASERLRQAT FELHPAVLEQVGLG PAVKQLAASTAQRSGIKISTDIDYPIRSGIDPIVFGVVRELLSNV VRHSGATTASVRLGI TDEKCVLDVADDGVGVTGDTMARRLGEGHIGLASHRARVD AAGGVLVFLATPRGTHVCVE LPLKR
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	narS
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Synonyms	narS; Rv0845; Sensor histidine kinase NarS
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UniProt ID	O53857
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