

# Recombinant Full Length Nostoc Sp. Photosystem I Reaction Center Subunit Iii(Psaf) Protein, His-Tagged

Cat. No. RFL11390NF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Nostoc sp. Photosystem I reaction center subunit III(psaF) Protein (P58564) (24-164aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Nostoc sp.
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (24-164)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	LGADLTPCAENPAFQALAKNARNTTADPQSGQKRFRYSQALCGPEGYPHLIVDGR LDRA GDFLIPSILFLYIAGWIGWVGRAYLQAIKKDSDEQKEIQLDLGIALPIIATGFAW PAAA VKELLSGELTAKDSEITVSPR
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	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.

**GENE INFORMATION**

<b>Gene Name</b>	psaF
<b>Synonyms</b>	psaF; all0109; Photosystem I reaction center subunit III; PSI-F
<b>UniProt ID</b>	<a href="#">P58564</a>

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