Recombinant Full Length Geobacter Sulfurreducens Nadh-Quinone Oxidoreductase Subunit A 2(Nuoa2) Protein, His-Tagged

Cat. No. RFL28929GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Geobacter sulfurreducens NADH-quinone oxidoreductase subunit A 2(nuoA2) Protein (Q746S3) (1-142aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Geobacter sulfurreducens
Source	E.coli
ProteinLength	Full Length (1-142)
Form	Lyophilized powder
AA Sequence	MQPAGISHSLFPSLPPEFLPLALYTLAASILIGVLLLAAWWLGAKTTNRNKELPYESG AI PTGSARLAYPVPFYLIAIFFIVFDVEAAFIFAWATAWRELGLQGLVHITFFIVILLLGL V WLWLKGGLDWGPSRARRGHVRD
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.
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
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	nuoA2
Synonyms	nuoA2; GSU3445; NADH-quinone oxidoreductase subunit A 2; NADH dehydrogenase I subunit A 2; NDH-1 subunit A 2; NUO1 2
UniProt ID	Q746S3

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