

## Recombinant *Vibrio Vulnificus* NFUA Protein (1-194 aa), His-tagged

**Cat. No.** NFUA-2098V    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Vibrio Vulnificus</i> (strain CMCP6) NFUA Protein (1-194 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Microbiology. Protein Description: Full Length. |
| <b>Species</b>          | <i>Vibrio Vulnificus</i>                                                                                                                                                                                                                     |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-194 aa                                                                                                                                                                                                                                     |
| <b>Description</b>      | Involved in iron-sulfur cluster biogenesis. Binds a 4Fe-4S cluster, can transfer this cluster to apoproteins, and thereby intervenes in the maturation of Fe/S proteins. Could also act as a scaffold/chaperone for damaged Fe/S proteins.   |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 23.0 kDa                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MSNITITEAAQTHFANLLGQQPDGTNIRVFVNPQTQNAECGVSYCPPEAVEATDTE<br>IPYQSFSAYVDELSLPFLEDAEIDYVTDKMGSQLTLKAPNAKMRKVADDAPLLERVE<br>YAIQTQVNPQLAGHGGHVKLMEITDAGVAIVAFGGGCNGCSMVDVTLKEGIEKELLQ<br>QFSGELTAVRDATEHDRGDHSYY                                |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                             |

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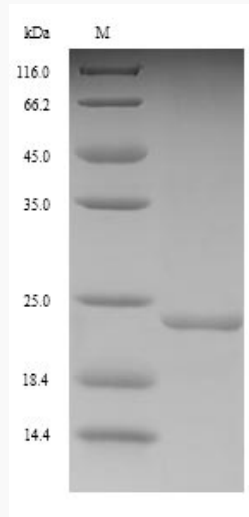
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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | A hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                                                                                                                                                  |

## GENE INFORMATION

|                   |                        |
|-------------------|------------------------|
| <b>Synonyms</b>   | nfuA;                  |
| <b>UniProt ID</b> | <a href="#">Q8DDU2</a> |



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

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