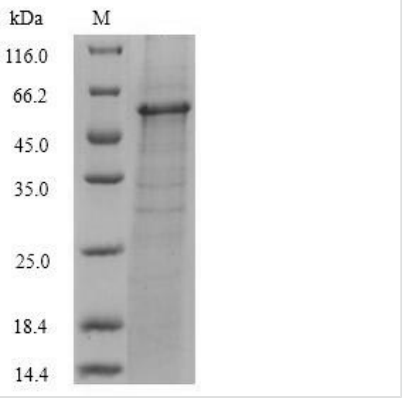
Recombinant Vibrio vulnificus Fe/S biogenesis protein NfuA (nfuA)

Product Code	CSB-MP813457VFI
Relevance	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.
Abbreviation	nfuA
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8DDU2
Product Type	Recombinant Protein
Immunogen Species	Vibrio vulnificus (strain CMCP6)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSNITITEAAQTHFANLLGQQPDGTNIRVFVVNPGTQNAECGVSYCPPEAVEA TDTEIPYQSFSAYVDELSLPFLEDAEIDYVTDKMGSQLTLKAPNAKMRKVADDA PLLERVEYAIQTQVNPQLAGHGGHVKLMEITDAGVAIVAFGGGCNGCSMVDVT LKEGIEKELLQQFSGELTAVRDATEHDRGDHSYY
Lead Time	Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
Research Area	Microbiology
Source	Mammalian cell
Gene Names	nfuA
Protein Names	Recommended name: Fe/S biogenesis protein NfuA
Expression Region	1-194aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc-tagged
Mol. Weight	47.0 kDa
Protein Description	Full Length
Image	



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

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.