

Recombinant Full Length Asterias Rubens Cytidine Monophosphate-N-Acetylneuraminic Acid Hydroxylase(Cnh) Protein, His-Tagged

Cat. No. RFL26293AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Asterias rubens Cytidine monophosphate-N-acetylneuraminic acid hydroxylase(cnh) Protein (Q95V11) (1-653aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Asterias rubens (Common European starfish) (Asterias vulgaris)
Source	E.coli
ProteinLength	Full Length (1-653)
Form	Lyophilized powder
AA Sequence	MEQEREIVFSLSPEETSELKNGVNLISRSEKEKFVIYKDPTAENTVEEPATSHMYKAC LN KCKHQGGTFIKDIEDGDNCILRCTKHGWKLDKTMRYVNPPDSFSQQQLVPEYN EDGSLD IVELKPPQPWETDKRDPMPLEVGEVQITYFTHACIEIKLGDLIMFTDPWLIG PAFARGWW LMHEPPADWLDRLAKADLIYISHLSDHLNYPTLELLSQRNPDIPYVG DTSMPVFVRLE QSGVKLNNIHIKKFGKWIEINKDTRFMIMMDGVHPDMDTCALIDYK GHLILDTVDCTNPN GGRLPIGVDMMLSDFAGGASGFPMTFSGGKYTEEWKAEFVK RERRKLLYYKMQQVRDVAP TVYCPFAGYFVEAHPSDHYIRSTNTKNDPDALNALIN KYSPNIKTWSPSPGAVLDLKKAI QGDRDFITDPPRGQTQKFKDSWDFEKYVNAINKNI EEEIFSYPEWIQFYKWTGFKNYNLV IRMVERDDDFCPVVGGYDFMVDFVGEEPTF PTERPAREHSYLEMENRIGVHRETVRQGLF WDDL YIGFNNRISREPDTFH YLFWNH

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	MQILLPRTDPDWEGFLRDMKTEGAPQKAIWNPSQ ATPAVEAKDPSSDSKDSATKP GTHWNYERLLRPLGIVVALVGVGVAIWKSESK
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.
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	cnh
Synonyms	cnh; Cytidine monophosphate-N-acetylneuraminic acid hydroxylase; CMP-N-acetylneuraminic acid hydroxylase; CMP-N-acetylneuraminate monooxygenase; CMP-Neu5Ac hydroxylase; CMP-NeuAc hydroxylase
UniProt ID	Q95V11