

Recombinant *Neisseria polysaccharea* AMS Protein, His-tagged

Cat. No. AMS-82N **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Neisseria polysaccharea</i> AMS Protein, fused to His-tag, was expressed in <i>E. coli</i> .
Species	<i>Neisseria polysaccharea</i>
Source	<i>E. coli</i>
Description	alpha-amylase family protein
Form	Supplied as a 0.2 µm filtered solution in PBS, pH8.0.
Molecular Mass	~74.5 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMLTPTQQVGLILQYLKTRILDIYTPEQRAGIEKSEDW RQFSRRMDTHFPKLMNELDSVYGNNEALLPMLEMLLAQAWQSYSQRNSSLKDIDIA RENNPDWILSNKQVGGVCYVDLFAGDLKGLKDKIPYFQELGLTYLHLMPLFKCPEGK SDGGYAVSSYRDVNPALGTIGDLREVIAALHEAGISAVVDFIFNHTSNEHEWAQRCA AGDPLFDNFYYIFPDRRMPDQYDRTLREIFPDQHPGGFSQLEDGRVWWTTFNSFQ WDLNYSNPWVFRAMAGEMLFLANLGVDILRMDAVAFIWKQMGTSCEMLPQAHALIR AFNAVMMRIAAPAVFFKSEAIVHPDQVVQYIGQDECQIGYNPLQMALLWNTLATREVN LLHQALTYRHNLPHTAWVNYVRSHDDIGWTFADEDAAYLGISGYDHRQFLNRFFV NRFDGSFARGVPPQYNPSTGDCRVSGTAAALVGLAQDDPHAVDRIKLLYSIALSTG GLPLIYLGDEVGTLNDDDWSQDSNKSDDSRWAHRPRYNEALYAQRNDPSTAAGQI YQGLRHMIQVRSNPRFDGGRLVTFNTNNKHIIGYIRNNALLAFGNFSEYPQTVTAH

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TLQAMPFKAHDLIGGKTVSLNQDLTLQPYQVMWLEIA

Purity >90%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1mg/mL

GENE INFORMATION

Gene Name [J7445_RS05595 alpha-amylase family protein \[Neisseria sicca \]](#)

Official Symbol [J7445_RS05595](#)

Gene ID [64350522](#)

Protein Refseq [WP_209283297](#)

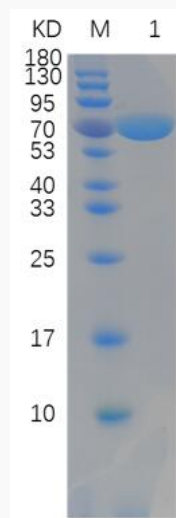
UniProt ID [Q9ZEU2](#)

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SDS-PAGE



12% reducing SDS-PAGE analysis of purified NpAS (approximately 3 mg protein loaded).

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