

Active Recombinant *C. perfringens* NAGA, Met&His-tagged

Cat. No. NAGA-401C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>C. perfringens</i> NAGA (Accession # AAM55479) Lys2-Lys619, fused with an N-terminal Met and 6-His tag, was produced in <i>E. coli</i> -derived.
Species	<i>C. perfringens</i>
Source	<i>E. coli</i>
Protein Length	2-619 a.a.
Predicted N Terminal	Met
Form	Supplied as a 0.2 µm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave alpha -N-acetylgalactosaminyl from 4-Nitrophenyl N-acetyl-alpha -D-galactosaminide. The specific activity is >5,000 pmol/min/ug, as measured under the described conditions.
Molecular Mass	Recombinant <i>C. perfringens</i> NAGA, Met&His-tagged has a calculated MW of 75 kDa. In SDS-PAGE migrates as 65 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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