

Active Recombinant *S. agalactiae* SAG1197 Protein, Met & His-tagged

Cat. No. SAG1197-835S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>S. agalactiae</i> SAG1197 (Accession # NP_688206) Ser259-Ile1072, fused with an N-terminal Met and 6-His tag, was produced in <i>E. coli</i> .
Species	<i>S. agalactiae</i>
Source	<i>E. coli</i>
ProteinLength	Ser259-Ile1072
Predicted N Terminal	Met
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave the native substrate Hyaluronan. The specific activity is >75,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant <i>S. agalactiae</i> SAG1197, Met & His-tagged has a calculated MW of 93 kDa. In SDS-PAGE migrates as 86 kDa, reducing conditions.
Purity	>95%, 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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Reconstitution

Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name SAG1197 hyaluronate lyase [*Streptococcus agalactiae* 2603V/R]

Official Symbol SAG1197

Synonyms SAG1197

Gene ID 1.014e+006

mRNA Refseq

Protein Refseq NP_688206.1

MIM

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