

Recombinant Streptavidin SAV protein

Cat. No. SAV-001S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Streptavidin Protein is expressed from E. coli with no Tag. It contains Ala36-Ser163.
Species	Streptavidin
Source	E.coli
ProteinLength	Ala36-Ser163
Description	Streptavidin is purified from the bacterium Streptomyces. It has an extraordinarily high affinity for biotin and is used extensively in molecular biology and bionanotechnology as a high-affinity biotinbinding agent which is also resistant to extreme pH, temperature, organic solvents, denaturants, detergents, and proteolytic enzymes.
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 14.3 kDa. Due to glycosylation, the protein migrates to 14.5-15 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE; >95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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GENE INFORMATION

Gene Name N/A

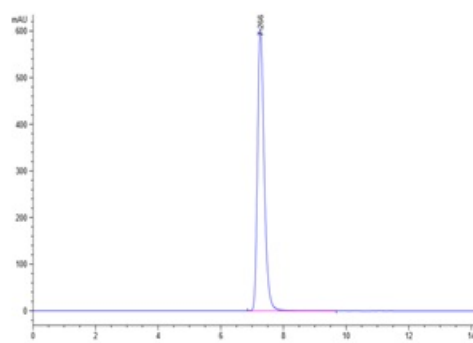
Synonyms SA

UniProt ID P22629

**Tris-Bis PAGE of
SAV-001S**



**SEC-HPLC of SAV-
001S**



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