

Streptococcus Pyogenes Arginine Deiminase Recombinant

Item Number rAP-4859

Synonyms

Description Recombinant Streptococcus Pyogenes Arginine Deiminase produced in E.coli is a non-glycosylated, polypeptide chain having a calculated molecular mass of 47,829 Dalton. S.Pyogenes arcA is expressed with a 10xHis tag at N-terminus and purified by proprietary chromatographic techniques.

Uniprot Accession Number

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Formulation and Purity S.Pyogenes arcA is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol. Greater than 80.0% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**