

**SRS (Seryl-tRNA synthetase)**

**Cat.NO.: TP04034**

3th Edition

**Synonyms:**

**Description:** Seryl-tRNA synthetase catalyzes the ligation of serine with seryl-tRNA using ATP. This gene belongs to the class II amino-acyl tRNA family. The encoded enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts. Multiple alternatively spliced transcript variants have been described but the biological validity of all variants is unknown.

**Form:** 1X PBS (pH7.2) 200mM NaCl 20% Glycerol

**Molecular Weight:** 58kDa

**Sequences:**

**Purity:** > 95% by HPLC

**Concentration:** 0.50mg/ml

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.