

TRS (Threonyl-tRNA synthetase)

Cat.NO.: TP04315

3th Edition

Synonyms:

Description: Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Threonyl-tRNA synthetase belongs to the class-II aminoacyl-tRNA synthetase.

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

Molecular Weight: 83kDa

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.