

PRS (Prolyl-tRNA synthetase)

Cat.NO.: TP03548

3th Edition

Synonyms:

Description: Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is a multifunctional aminoacyl-tRNA synthetase that catalyzes the aminoacylation of glutamic acid and proline tRNA species. Alternative splicing has been observed for this gene, but the full-length nature and biological validity of the variant have not been determined.

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.