

**YRS (Tyrosyl-tRNA synthetase)**

**Cat.NO.: TP04523**

3th Edition

**Synonyms:**

**Description:** Tyrosyl-tRNA synthetase belongs to the class I tRNA synthetase family. Cytokine activities have also been observed for the human tyrosyl-tRNA synthetase, after it is split into two parts, an N-terminal fragment that harbors the catalytic site and a C-terminal fragment found only in the mammalian enzyme. The Nterminal fragment is an interleukin-8-like cytokine, whereas the released C-terminal fragment is an EMAP II-like cytokine.

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

**Molecular Weight:** 59kDa

**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.