

YARS2 抗原（重组蛋白）

中文名称：YARS2 抗原（重组蛋白）

英文名称：YARS2 Antigen (Recombinant Protein)

别名：TYRRS; CGI-04; MLASA2; MT-TYRRS

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 300 amino acids of human YARS2

技术规格：

Full name:	tyrosyl-tRNA synthetase 2, mitochondrial
Synonyms:	TYRRS; CGI-04; MLASA2; MT-TYRRS
Swissprot:	Q9Y2Z4
Gene Accession:	BC015625
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a mitochondrial protein that catalyzes the attachment of tyrosine to tRNA(Tyr). Mutations in this gene are associated with myopathy with lactic acidosis and sideroblastic anemia type 2 (MLASA2). Catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr).