

Recombinant Human GARS

Catalog No: #GP12762



Package Size: #GP12762-1 100ug

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Description

Product Name	Recombinant Human GARS
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 450-739 amino acids of human GARS
Target Name	glycyl-tRNA synthetase
Other Names	HMN5; CMT2D; DSMAV; GlyRS; SMAD1
Accession No.	Swissprot:P41250Gene Accession:BC000065
Uniprot	P41250
GeneID	2617;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes glycyl-tRNA synthetase, one of the aminoacyl-tRNA synthetases that charge tRNAs with their cognate amino acids. The encoded enzyme is an (alpha)₂ dimer which belongs to the class II family of tRNA synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis. Two transcript variants encoding different isoforms have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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