

Histidyl-tRNA synthetase, human

Cat. No.:	HY-E70233	
CAS No.:	9068-78-4	
Target:	Others	
Pathway:	Others	Histidyl-tRNA synthetase, human
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Histidyl-tRNA synthetase, human is responsible for the synthesis of histidyl-transfer RNA, which is essential for the incorporation of histidine into proteins. Histidyl-tRNA synthetase has been found to act as a particularly important antigen in autoimmune diseases such as rheumatic arthritis or myositis^{[1][2]}.

REFERENCES

[1]. Freist W, et al. Histidyl-tRNA synthetase. *Biol Chem.* 1999 Jun;380(6):623-46.

[2]. Raben N, et al. Human histidyl-tRNA synthetase: recognition of amino acid signature regions in class 2a aminoacyl-tRNA synthetases. *Nucleic Acids Res.* 1992 Mar 11;20(5):1075-81.

Caution: Product has not been fully validated for medical applications. For research use only.

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