

## Recombinant Human THG1L

Catalog No: #GP13583



Package Size: #GP13583-1 100ug

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | Recombinant Human THG1L   |
| Brief Description     | Recombinant Protein   |
| Immunogen Description | Fusion protein corresponding to a region derived from 30-298 amino acids of human THG1L |
| Target Name           | tRNA-histidine guanylyltransferase 1 like   |
| Other Names           | ICF45; IHG-1; hTHG1   |
| Accession No.         | Swissprot:Q9NWX6Gene Accession:BC001523   |
| Uniprot               | Q9NWX6  |
| GeneID                | 54974;  |
| Storage               | -20~-80°C, pH 7.6 PBS   |

## Background

The protein encoded by this gene is a mitochondrial protein that is induced by high levels of glucose and is associated with diabetic nephropathy. The encoded protein appears to increase mitochondrial biogenesis, which could lead to renal fibrosis. Another function of this protein is that of a guanylyltransferase, adding GMP to the 5' end of tRNA(His). Several 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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