

## PGI Recombination Protein

### Basic information:

<b>Catalog No.:</b>	UDP9031-2	<b>Source:</b>	Human
<b>Expression Host:</b>	HEK293	<b>Type:</b>	Recombinant protein
<b>Purity:</b>	>90 % as determined by SDS-PAGE		

### Useful Information:

#### Construction:

A DNA sequence encoding the PGI Protein was expressed with His-tag in C terminus.

#### Molecular Mass:

PGI Recombination Protein consists of 373 amino acids.

#### Formulation:

Liquidin PBS,PH7.4

#### Biological Activity

N/A

#### Endotoxin:

N/A

#### Storage:

Recombinant proteins are provided as frozen liquid which are shipped with dry ice. Bulk packages can be provided as lyophilized powder which shipped with blue ice.

#### Reconstitution:

According to the application.

#### Description:

PGI is secreted by the main cells of the gastric body and fundus (near ventral), and is a biomarker of the gastric body and has a positive feedback relationship with gastric acid. When inflammation, ulcer erosion, gastric acid secretion increased, PG I increased; When the stomach atrophies, acid-secreting glands decrease, the stomach presents a low acid state, and PGI decreases. PGI and PGII are excellent indicators for the auxiliary diagnosis of gastric mucosal atrophy. According to consensus Opinions on Early Gastric Cancer Screening and Endoscopic Diagnosis and Treatment in China in 2014, the decrease of PGI concentration and/or pepsinogen ratio PGR (PGI/PGII) has a suggesting effect on atrophic gastritis.

#### Note:

This material is offered by Gene Universal for research, laboratory or further evaluation purposes. Not for human use Made in China.