

Recombinant Human PGA5 Protein (Met1-Ala388), C-His tagged, Animal-free, Carrier-free

Cat. No. PGA5-246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGA5 Protein (Met1-Ala388) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Met1-Ala388
Description	Pepsinogen A5 (PGA5) is a aspartic protease that secreted from gastric mucosa and located in stomach. Pepsinogen A5 is a 41 kDa protein containing 388 amino acid residues. Pepsinogen A5 is a precursor protein of digestive enzyme pepsin which breaks down the proteins into the small chain peptides that are absorbed by the small intestine.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 42.80 kDa. The protein migrates as 40-45 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>95% as determined by SDS-PAGE analysis.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	PGA5 pepsinogen 5, group I (pepsinogen A) [Homo sapiens (human)]
Official Symbol	PGA5
Synonyms	PGA5; pepsinogen 5, group I (pepsinogen A); pepsin A-5; pepsin A; pepsinogen-5; pepsinogen A5; PGA3; PGA4;
Gene ID	5222
mRNA Refseq	NM_014224
Protein Refseq	NP_055039
MIM	169730

 Tel: 1-631-559-9269 1-516-512-3133

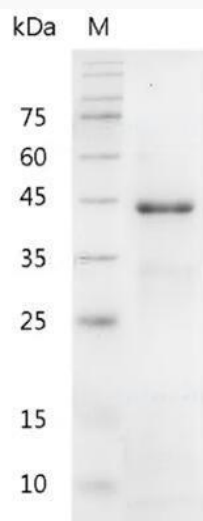
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

P0DJJ9

**SDS-PAGE analysis
of recombinant
human PGA5.**



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA