

# Recombinant Human CLPS

Catalog No: #GP11386



Package Size: #GP11386-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human CLPS
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 23-112 amino acids of human colipase, pancreatic
Target Name	colipase, pancreatic
Accession No.	Swissprot:P04118Gene Accession:BC007061
Uniprot	P04118
GeneID	1208;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is a cofactor needed by pancreatic lipase for efficient dietary lipid hydrolysis. It binds to the C-terminal, non-catalytic domain of lipase, thereby stabilizing an active conformation and considerably increasing the overall hydrophobic binding site. The gene product allows lipase to anchor noncovalently to the surface of lipid micelles, counteracting the destabilizing influence of intestinal bile salts. This cofactor is only expressed in pancreatic acinar cells, suggesting regulation of expression by tissue-specific elements. Three 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.

Note: This product is for in vitro research use only