SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human ghrl Antibody Fab Fragment

Cat. No.: **MOM-18367-F(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment is against Human GHRL, expressed in E. coli

Antigen Description

Ghrelin is the ligand for growth hormone secretaggedogue receptor type 1 (GHSR). Induces the release of growth hormone from the pituitary. Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.Obestatin may be the ligand for GPR39. May have an appetite-reducing effect resulting in decreased food intake. May reduce gastric emptying activity and jejunal motility.

Specific Activity

Tested positive against native antigen.

Target

GHRL

Immunogen

Recombinant full length protein, corresponding to amino acids 1-118 of Human Ghrelin

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFOMATION

Gene Name

GHRL ghrelin/obestatin prepropeptide [Homo sapiens]

Official Symbol

GHRL

Synonyms

GHRL; ghrelin/obestatin prepropeptide; ghrelin, growth hormone secretaggedogue receptor ligand; appetite-regulating hormone; ghrelin; MTLRP; obestatin; motilin-related peptide; growth hormone secretaggedogue; ghrelin/obestatin preprohormone; growth hormone-releasing peptide

Gene ID

51738

mRNA Refseq

NM_001134941

Protein Refseq

NP_001128413

MIM

605353

UniProt ID

Q9UBU3

Chromosome Location

3p26-p25

Pathway

Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem;

Function

G-protein coupled receptor binding; ghrelin receptor binding; ghrelin receptor binding; growth hormone-releasing hormone activity; growth hormone-releasing hormone activity; growth hormone-releasing hormone activity; protein tyrosine kinase activator activity;

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