

GHRL monoclonal antibody (M08), clone 3B8

Catalog # : H00051738-M08

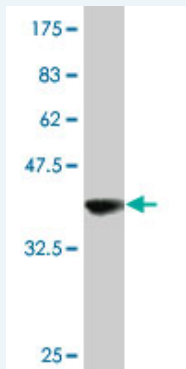
規格 : [100 ug]

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Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant GHRL.
Immunogen:	GHRL (AAH25791.1, 1 a.a. ~ 117 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MPSPGTVCSLLLLLGMWLWDLAMAGSSFLSPEHQRVQQRKESKPPAKL QPRALAGWLRPEDGGQAEGAEMEVRFNAPFDVGIKLSGVQYQQHS QALGKFLQDILWEEAKEAPADK
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (38.61 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

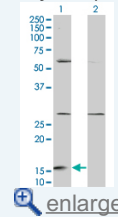
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

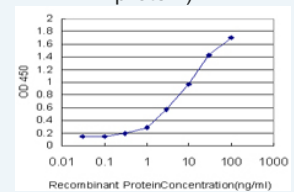
Application Image

Western Blot (Transfected lysate)

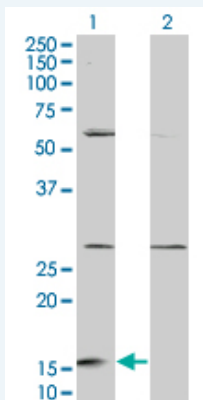


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



ELISA



Western Blot analysis of GHRL expression in transfected 293T cell line by GHRL monoclonal antibody (M08), clone 3B8.

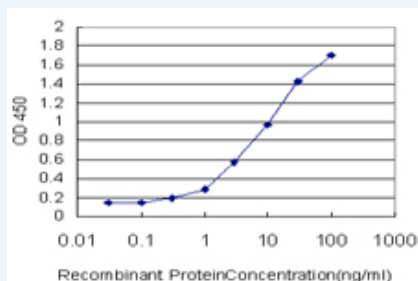
Lane 1: GHRL transfected lysate(12.9 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged GHRL is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [51738](#)

GeneBank [BC025791](#)
Accession#:

Protein [AAH25791.1](#)
Accession#:

Gene Name: GHRL

Gene Alias: MTLRP,obestatin

Gene Description: ghrelin/obestatin prepropeptide

Omim ID: [601665](#), [605353](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes ghrelin-obestatin preproprotein, which generates ghrelin and obestatin. Ghrelin is an endogenous ligand for the growth hormone secretagogue receptor and is involved in regulating growth hormone release. Obestatin was initially reported to be an endogenous ligand for the orphan G protein-coupled receptor GPR39 and was

involved in satiety and decreased food intake; however, these findings are controversial. Recent reports show that obestatin is involved in inhibiting thirst and anxiety, improving memory, regulating sleep, affecting cell proliferation, and increasing the secretion of pancreatic juice enzymes. Alternative promoters and alternative splicing result in multiple transcript variants, some of which encode different protein isoforms and some of which do not encode a protein but may regulate the ghrelin-obestatin preproprotein expression. In addition, antisense transcripts for this gene have been identified and may also function in regulation of the ghrelin-obestatin preproprotein expression. [provided by RefSeq]

Other Designations: ghrelin, growth hormone secretagogue receptor ligand, ghrelin/obestatin, ghrelin/obestatin preprohormone, motilin-related peptide

Gene Pathway

[Neuroactive ligand-receptor interaction](#)

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