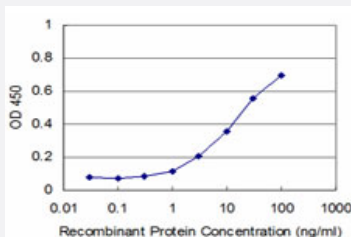


GDF7 monoclonal antibody (M02), clone 4F10

Catalog # H00151449-M02 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GDF7 is approximately 3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GDF7.
Immunogen	GDF7 (NP_878248, 361 a.a. ~ 450 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LGWDDWIAPLDYEAYHCEGLCDFPLRSHLEPTNHAIQTLLNSMAPDAAPASCCVPARLSPISILYI DAANNVYKQYEDMVVEACGCR
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GDF7 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GDF7

Entrez GeneID	151449
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GeneBank Accession#	NM_182828
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Protein Accession#	NP_878248
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Gene Name	GDF7
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Gene Alias	BMP12
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Gene Description	growth differentiation factor 7
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Omim ID	604651
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a member of the bone morphogenetic protein (BMP) family. BMPs belong to the transforming growth factor-beta superfamily of secreted signalling molecules that regulate diverse processes in growth, repair and embryonic development. In mouse, this gene functions as an inductive signal from the roof plate required for the specification of neuronal identity in the dorsal spinal cord. [provided by RefSeq]
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Other Designations	OTTHUMP00000115986
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Pathway

- [Cytokine-cytokine receptor interaction](#)
- [TGF-beta signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)