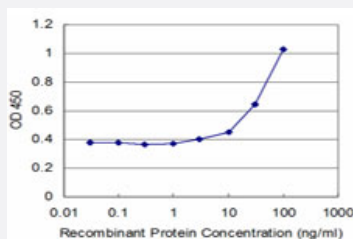


# SIX1 monoclonal antibody (M05), clone 3C7

Catalog # H00006495-M05

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SIX1 is approximately 3ng/ml as a capture antibody.

## Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SIX1.
Immunogen	SIX1 (AAH08874, 1 a.a. ~ 284 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSMLPSFGFTQEQVACVCEVLQQGGNLERLGRFLWSLPACDHLHKNESVLKAKAVVAFHRGNF RELYKILESHQFSPHNHPKLQQLWLKAHYVEAEKLCGRPLGAVGKYRVRKFPPLPRTIWDGEETS YCFKEKSRGVLREWYAHNPYPSPREKRELAETGLTTTQVSNWFKNRRQRDRAAEAKERENTE NNSSSNKQNLSPLEGGKPLMSSSEEEFSPQSPDQNSVLLLQGNMGHARSSNYSLPGLTAS QPSHGLQTHQHQLQDSLLGPLTSSLVDLGS
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 SIX1 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — SIX1

Entrez GeneID	<a href="#">6495</a>
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GeneBank Accession#	<a href="#">BC008874</a>
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Protein Accession#	<a href="#">AAH08874</a>
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Gene Name	SIX1
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Gene Alias	BOS3, DFNA23, TIP39
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Gene Description	SIX homeobox 1
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Omim ID	<a href="#">601205</a> <a href="#">605192</a> <a href="#">608389</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	The protein encoded by this gene is a homeobox protein that is similar to the Drosophila 'sine oculis' gene product. This gene is found in a cluster of related genes on chromosome 14 and is thought to be involved in limb development. Defects in this gene are a cause of autosomal dominant deafness type 23 (DFNA23) and branchiootoc syndrome type 3 (BOS3). [provided by RefSeq]
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Other Designations	sine oculis homeobox homolog 1
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