

Full-Length

SIX1 (Human) Recombinant Protein (P01)

Catalog # H00006495-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SIX1 full-length ORF (AAH08874, 1 a.a. - 284 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSMLPSFGFTQEQVACVCEVLQQGGNLERLGRFLWSLPACDHLHKNESVLKAKAVVAFHRGNF RELYKILESHQFSPHNHPKLQQLWLKAHYVEAEKLCGRPLGAVGKYRVRKFPPLRTIWDGEETS YCFKEKSRGVLREWYAHNPYPSPREKRELAETGLTTTQVSNWFKNRRQRDRAAEAKERENTE NNSSSNKQNLSPLEGGKPLMSSSEEEFSPQSPDQNSVLLLQGNMGHARSSNYSLPGLTAS QPSHGLQTHQHQLQDSLLGLTSSSLVDLGS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	56.98
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SIX1

Entrez GeneID	6495
GeneBank Accession#	BC008874
Protein Accession#	AAH08874
Gene Name	SIX1
Gene Alias	BOS3, DFNA23, TIP39
Gene Description	SIX homeobox 1
Omim ID	601205 605192 608389
Gene Ontology	Hyperlink
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]
Other Designations	sine oculis homeobox homolog 1

Publication Reference

- [The homeoprotein six1 transcriptionally activates multiple protumorigenic genes but requires ezrin to promote metastasis.](#)

Yu Y, Davicioni E, Triche TJ, Merlino G.

Cancer Research 2006 Feb; 66(4):1982.

Application: Func, Oligonucleotide