



## Human SIX2 peptide (DAG-P1167)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is a member of the vertebrate gene family which encode proteins homologous to the Drosophila sine oculis homeobox protein. The encoded protein is a transcription factor which, like other members of this gene family, may be involved in limb or eye development. [provided by RefSeq, Dec 2008]
<b>Specificity</b>	Strongly expressed in skeletal muscle.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the SIX/Sine oculis homeobox family. Contains 1 homeobox DNA-binding domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SIX2 SIX homeobox 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SIX2
<b>Synonyms</b>	SIX2; SIX homeobox 2; homeobox protein SIX2; sine oculis homeobox homolog 2;
<b>Entrez Gene ID</b>	<a href="#">10736</a>
<b>mRNA Refseq</b>	<a href="#">NM_016932.4</a>

<b>Protein Refseq</b>	<a href="#">NP_058628.3</a>
<b>UniProt ID</b>	Q8TBA2
<b>Chromosome Location</b>	2p21
<b>Function</b>	protein complex binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;