

# Recombinant Full Length Human GSX1 Protein, GST-tagged

Cat. No. GSX1-3371HF Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Human GSX1 full-length ORF ( AAI60140.1, 1 a.a. - 264 a.a.) recombinant protein with GST-tag at N-terminal.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | In Vitro Cell Free System  |
| <b>ProteinLength</b>    | 264 amino acids  |
| <b>Description</b>      | GSX1 (GS Homeobox 1) is a Protein Coding gene. GO annotations related to this gene include sequence-specific DNA binding and transcriptional activator activity, RNA polymerase II core promoter proximal region sequence-specific binding. An important paralog of this gene is GSX2. |
| <b>Molecular Mass</b>   | 29.1 kDa   |
| <b>AA Sequence</b>      | MPRSFLVDSLVLREAGEKKAPEGSPPLFPYAVPPPHALHGLSPGACHARKAGLLC<br>VCPLCVTASQLHGPPGPPALPLLKASFPPFGSQYCHAPLGRQHSVSPGVAHGPA<br>AAAAAALYQTSYPLDPRQFHCISVDSSSNQLPSSKRMRTAFTSTQLLELEREFASN<br>MYLSRLRRRIEATYLNLSEKQVKIWFQNRVVKHKKEGKGSNHRGGGGGAGGGGS<br>APQGCKCASLSSAKCSEDDDELPMSPSSSGKDDRDLTVT     |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production   |

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Protein Array

|                       |  |
|-----------------------|--|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.  |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | GSX1 GS homeobox 1 [ Homo sapiens (human) ]   |
| <b>Official Symbol</b> | GSX1  |
| <b>Synonyms</b>        | GS Homeobox 1; GSH1; Genomic Screened Homeo Box 1; GS Homeo Box Protein 1; Homeobox Protein Gsh-1; Homeobox Protein GSH-1; Gsh-1; GSX1; GS homeobox 1; GS homeo box protein 1; genomic screened homeo box 1; homeobox protein Gsh-1 |
| <b>Gene ID</b>         | 219409  |
| <b>mRNA Refseq</b>     | NM_145657   |
| <b>Protein Refseq</b>  | NM_145657   |
| <b>MIM</b>             | 616542  |
| <b>UniProt ID</b>      | Q9H4S2  |

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