

Recombinant Human ISX Protein, GST-tagged

Cat. No. ISX-5008H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Human ISX full-length ORF (ACE87562.1, 1 a.a. - 245 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. This gene is a member of the RAXLX homeobox gene family. [provided by RefSeq |
| Molecular Mass | 53.35 kDa |
| AA Sequence | MCAEVGPALCRGMERNSLGCCEAPKKLSLSFSIEAILKRPARRSDMDRPEGPGGEEG PGEAAASGSGLEKPPKDQPQEGRKSRRVVRTTFTTEQLHELEKIFHFTHYPDVHIRS QLAARINLPEARVQIWFQNQRAKWRKQEKIGNLGAPQQLSEASVALPTNLDVAGPT WTSTALRRLAPPTSCCPSAQDQLASAWFPAWITLLPAHPWETQPVPGLPIHQTCIPV LCILPPPHPKWGSICATST |
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |

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| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

GENE INFORMATION

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|------------------------|---|
| Gene Name | ISX intestine-specific homeobox [Homo sapiens] |
| Official Symbol | ISX |
| Synonyms | ISX; intestine-specific homeobox; RAXLX; RAX-like homeobox; pancreas-intestine homeodomain transcription factor; Pix-1; MGC138417; DKFZp781N2395; |
| Gene ID | 91464 |
| mRNA Refseq | NM_001008494 |
| Protein Refseq | NP_001008494 |
| MIM | 612019 |
| UniProt ID | Q2M1V0 |

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