

## Recombinant Human SOX13 protein, GST-tagged

Cat. No. SOX13-2881H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SOX13 protein(1-301 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-301 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
<b>AASequence</b>	MSMRSPISAQLALDGVGTMVNCTIKSEEKKEPCHEAPQGSATAAEPQPGDPARASQ DSADPQAPAQGNFRGSWDCSSPEGNGSPEPKRPGVSEAASGSQEKLDFNRNLKE VVPAIEKLLSSDWKERFLGRNSMEAKDVKGTQESLAEKELQLLVMIHQLSTLRDQLL TAHSEQKNMAAMLFEKQQQQMELARQQQEQIAKQQQQLIQQQHKINLLQQQIQQV NMPYVMIPAFPPSHQPLPVTTPDSQLALPIQPIPCPKPVEYPLQLLHSPAPVVKRPGA MATHHPLQEPSQPLNLTAKPKA
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name**

SOX13 SRY (sex determining region Y)-box 13 [ Homo sapiens ]

**Official Symbol**

SOX13

**Synonyms**

SOX13; SRY (sex determining region Y)-box 13; transcription factor SOX-13; ICA12; islet cell 12; MGC117216; Sox 13; SRY box 13; SRY related HMG box gene 13; type 1 diabetes autoantigen; SRY-box 13; islet cell antigen 12; SRY-related HMG-box gene 13; type 1 diabetes autoantigen ICA12; Sox-13;

**Gene ID**

9580

**mRNA Refseq**

NM\_005686

**Protein Refseq**

NP\_005677

**MIM**

604748

**UniProt ID**

Q9UN79

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SDS-PAGE



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