Recombinant Human SOX13 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SOX13 protein(1-301 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-301 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 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).
AASequence	MSMRSPISAQLALDGVGTMVNCTIKSEEKKEPCHEAPQGSATAAEPQPGDPARASQ DSADPQAPAQGNFRGSWDCSSPEGNGSPEPKRPGVSEAASGSQEKLDFNRNLKE VVPAIEKLLSSDWKERFLGRNSMEAKDVKGTQESLAEKELQLLVMIHQLSTLRDQLL TAHSEQKNMAAMLFEKQQQQMELARQQQEQIAKQQQQLIQQQHKINLLQQQIQQV NMPYVMIPAFPPSHQPLPVTPDSQLALPIQPIPCKPVEYPLQLLHSPPAPVVKRPGA MATHHPLQEPSQPLNLTAKPKA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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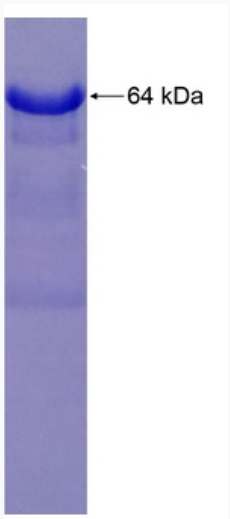
	reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume 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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