

Recombinant Human SOX13 protein, Arginine-tagged

Cat. No. SOX13-138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Sox13 protein fused with 11 arginine domain at C-terminal, which will efficiently deliver protein intracellularly, was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	SMRSPIS AQLALDGVGT MVNCTIKSEE KKEPCHEAPQ GSATAAEPQP GDPARASQDS ADPQAPAQGN FRGSWDCSSP EGNGSPEPKR PGVSEAASGS QEKLDFNRNL KEVVAIEKL LSSDWKERFL GRNSMEAKDV KGTQESLAEK ELQLLVMIHQ LSTLRDQLLT AHSEQKNMAA MLFEKQQQQM ELARQQQEIQI AKQQQQLIQQ QHKINLLQQQ IQQVNMPYVM IPAFPPSHQP LPVTPDSQLA LPIQPIPCPK VEYPLQLLHS PPAPVVKRPG AMATHHPLQE PSQPLNLTAK PKAPELPNTS SSPSLKMSSC VPRPPSHGGP TRDLQSSPPS LPLGFLGEGD AVTKAIQDAR QLLHSHSGAL DGSPNTPFRK DLISLDSSPA KERLEDGCVH PLEEAMLSCD MDGSRHFPES RNSSHIKRP NAFMVWAKDE RRKILQAFPD MHNSSISKIL GSRWKSMTNQ EKQPYEEQA RLSRQHLEKY PDYKYKPRPK RTCIVEGKRL RVGEYKALMR TRRQDARQSY VIPPQAGQVQ MSSSDVLYPR AAGMPLAQPL VEHYVPRSLD PNMPVIVNTC SLREEGEGTD DRHSVADGEM YRYSEDEDSE GEEKSDGELV VLTDLEESGG GGSPGRRRRR RRRRRR

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Purity	>90% by SDS-PAGE
Applications	1. Protein transduction for human cell differentiation.2. Active recombinant protein, may be used for ELISA based DNA/Protein binding assay.3. As specific protein substrate for kinase assay.4. Immunogen for specific antibody production.
Storage	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days.
GENE INFORMATION	
Gene Name	SOX13 SRY (sex determining region Y)-box 13 [Homo sapiens]
Official Symbol	SOX13
Synonyms	SOX13; 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; Sox-13;
Gene ID	9580
mRNA Refseq	NM_005686
Protein Refseq	NP_005677
MIM	604748
UniProt ID	Q9UN79
Chromosome Location	1q32
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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