

Product datasheet for PH310697

SOX13 (NM_005686) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SOX13 MS Standard C13 and N15-labeled recombinant protein (NP_005677)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210697
Predicted MW:	69 kDa
Protein Sequence:	>RC210697 representing NM_005686 Red=Cloning site Green=Tags(s)

MSMRSPISAQLALDGVGTMVNCTIKSEEKKEPCHEAPQGSATAAEPQPGDPARASQDSADPQAPAQGNFR
GSWDCSSPEGNGSPEPKRPGVSEAAAGSQEKLDFNRNLKEVVPATIEKLLSSDWKERFLGRNSMEAKDVKG
TQESLAEKELQLLVMIHQLSTLRDQLLTAHSEQKNMAAMLFEKQQQMELARQQEQIAKQQQLIQQQH
KINLLQQQIQQVNMPYVMIPAFPPSHQPLPVTDPDQLALPIQPIPCPKPVEYPLQLLHSPAPVVKRPGAM
ATHHPLQEPSQPLNLTAKPKAPELNTSSPSLKMSSCVPRPPSHGGPTRDLQSSPPLPLGFLGEGDAV
TKAIQDARQLLHSHSGALDGPNTPFKDLISLDSSPAKERLEDGCVHPLEEAMLSCDMDGSRHFPESRN
SSHIKRPMNAFMVWAKDERRKILQAFPMHNSSI SKILGSRWKSMTNQEKPYYEEQARLSRQHLEKYPD
YKYKPRPKRTCIVEGKRLRVGEYKALMTRRRQDARQSYVIPPQAGQVQMSSDVLYPRAAGMPLAQPLVE
HYVPRSLDPNMPVIVNTCSLREEGEGTDDRHSVADGEMYRYSEDESEGEKSDGELVVLTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005677
RefSeq Size:	4088
RefSeq ORF:	1866



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Synonyms: ICA12; Sox-13

Locus ID: 9580

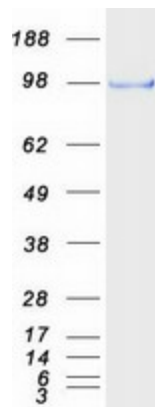
UniProt ID: [Q9UN79](#)

Cytogenetics: 1q32.1

Summary: This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. It has also been determined to be a type-1 diabetes autoantigen, also known as islet cell antibody 12. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified SOX13 protein (Cat# [TP310697]). The protein was produced from HEK293T cells transfected with SOX13 cDNA clone (Cat# [RC210697]) using MegaTran 2.0 (Cat# [TT210002]).