

Product datasheet for **TP310697M**

SOX13 (NM_005686) Human Recombinant Protein

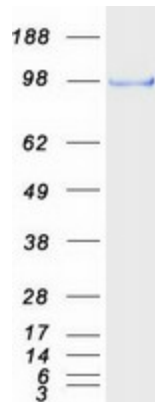
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SRY (sex determining region Y)-box 13 (SOX13), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210697 representing NM_005686 Red =Cloning site Green =Tags(s)
	<p>MSMRSPISAQLALDGVGTMVNCTIKSEEKKEPCHEAPQGSATAAEPQPGDPARASQDSADPQAPAQGNFR GSWDCSSPEGNGSPEPKRPGVSEAASGSQEKLDFNRNLKEVVAIEKLLSSDWKERFLGRNSMEAKDVKG TQESLAEKELQLLVMIHQLSTLRDQLLTAHSEQKNMAAMLFEKQQQMELARQQEQIAKQQQLIQQQH KINLLQQQIQQVNMIPYVMIPAFPPSHQPLPVTSDQLALPIQIPCKPVEYPLQLLHSPAPVVKRPGAM ATHHPLQEPSQPLNLTAKPKAPELNTSSPSLKMSSCVPRPPSHGGPTRDLQSSPPLPLGFLGEGDAV TKAIQDARQLLHSHSGALDGSNTNTPFRKDLISLDSSPAKERLEDGCVHPLEEAMLSCDMDGSRHFPESRN SSHKRPMNAFMVWAKDERRKILQAFPMHNSSISKILGSRWKSMTNQEKPYYEEQARLSRQHLEKYPD YKYKPRPKRTCIVEGKRLRVGEYKALMTRRRQDARQSYVIPPQAGQVQMSSSDVLYPRAAGMPLAQLPLVE HYVPRSLDPNMPVIVNTCSLREEGEGTDDRHSVADGEMYRYSEDEDESEGEKSDGELVLT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	69 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005677
Locus ID:	9580
UniProt ID:	Q9UN79
RefSeq Size:	4088
Cytogenetics:	1q32.1
RefSeq ORF:	1866
Synonyms:	ICA12; Sox-13
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]).