

Product datasheet for **TP312046**

SOX6 (NM_033326) Human Recombinant Protein

Product data:

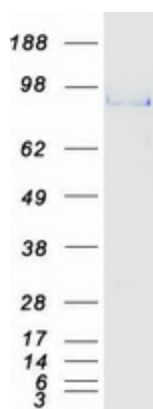
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SRY (sex determining region Y)-box 6 (SOX6), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212046 representing NM_033326 Red =Cloning site Green =Tags(s)
	<p>MSSKQATSPFACAADGEDAMTQDLTSREKEEGSDQHVASHLPLHPIMHNKPHSEELPTLVSTIQDADWD SVLSSQQRMESENKLCSLYSFRNTSTSPHKPDEGSRDREIMTSVTFGTPERRKGLADVVDTLKQKKLE EMTRTEQEDSSCMEKLLSKDWKEKMERLNTSELLGEIKGTPESLAEKERQLSTMITQLISLREQLLAHD EQKLAASQIEKQRQQMDLARQQQEIQARQQQQLLQQQHINLLQQQIQVQGHMPPLMIPIPHDQRTL AAAAAQQGFLFPPGITYKPGDNYVQFIPSTMAAAAASGLSPLQLQKGHVSHQPINQRLKGLSDRFGRNL DTFEHGGGHSYNHKQIEQLYAAQLASMQVSPGAKMPSTPQPPNTAGTVSPTGIKNEKRGTSPTQVKDEA AAQPLNLSSRPKTAEPVKSPTSPTQNLFPASKTSPVNLPNKSSIPSPIGGSLGRGSSLDLSSLNSPALF GDQDTVMAKAIQEARKMREQIQREQQQQPHGVDGKLSINMGLNSCRNEKERTFENLGPQLTGKSNED GKLGPGVIDLTRPEDAEGGATVAEARVYRDARGRASSEPHIKRPMNAFMVWAKDERRKILQAFPDMHNSN ISKILGSRWKSMSNQEKPYYEEQARLSKIHLEKYPNYKYKPRPKRTCIVDGKCLRIGEYKQLMRSRRQE MRQFFTVGQQPQIPITTTGTGVVYPGAIMATTTTSPQMTSDCSSTSASPEPSLPIQSTYGMKTDGGSLA GNEMINGEDEMEMYDDYEDDPKSDYSSENEAPEAVSAN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	89.6 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.



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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.
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_201583
Locus ID:	55553
UniProt ID:	P35712
RefSeq Size:	8865
Cytogenetics:	11p15.2
RefSeq ORF:	2424
Synonyms:	HSSOX6; SOXD; TOLCAS
Summary:	This gene encodes a member of the D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. The encoded protein is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. The encoded protein interacts with other family members to cooperatively activate gene expression. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified SOX6 protein (Cat# TP312046). The protein was produced from HEK293T cells transfected with SOX6 cDNA clone (Cat# [RC212046]) using MegaTran 2.0 (Cat# [TT210002]).