

## Product datasheet for **TP322052M**

### SOX14 (NM\_004189) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SRY (sex determining region Y)-box 14 (SOX14), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC222052 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSKPSDHIKRP MN AFMVWSRGQRRKMAQENPKMHNSEISKRLGAEWKLLSEAEKRPYIDEAKRLRAQHMK  
EHPDYKYRPRRKPKNLLKKDRYVFPLPYLGDTDPLKAAGLPVGASDGLLSAPEKARAFPLPPASAPYSLLD  
PAQFSSSAIQKMGEVPHTLATGALPYASTLGYQNGAFGSLSCPSQHTHTHPSTNPGYVWPCNCTAWSAS  
TLQPPVAYILFPGMTKTGIDPYSSAHATAM

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	26.3 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.
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:	<a href="#">NP_004180</a>
Locus ID:	8403
UniProt ID:	<a href="#">O95416</a>



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RefSeq Size: 2043

Cytogenetics: 3q22.3

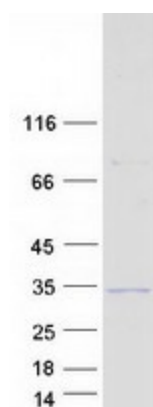
RefSeq ORF: 720

Synonyms: SOX28

**Summary:** This intronless 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 the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. Mutations in this gene are suggested to be responsible for the limb defects associated with blepharophimosis, ptosis, epicanthus inversus syndrome (BPES) and Mobius syndrome. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified SOX14 protein (Cat# [TP322052]). The protein was produced from HEK293T cells transfected with SOX14 cDNA clone (Cat# [RC222052]) using MegaTran 2.0 (Cat# [TT210002]).