

Product datasheet for **TP322052**

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), 20 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: [NP_004180](#)

Locus ID: 8403

UniProt ID: [O95416](#)



[View online »](#)

RefSeq Size: 2043

Cytogenetics: 3q22.3

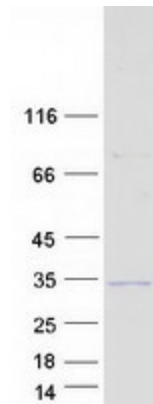
RefSeq ORF: 720

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]).