

## Product datasheet for **TP324471**

### SOX21 (NM\_007084) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SRY (sex determining region Y)-box 21 (SOX21), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224471 representing NM_007084 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSKPVDHVKRPMNAFMVWSRAQRRKMAQENPKMHNSEISKRLGAEWKLLTESEKRPFIDEAKRLRAMHMK EHPDYKYRPRRKPKTLLKKDKFAFPVYGLGGVADAEHPALKAGAGLHAGAGGLVPESLLANPEKAAAA AAAAAARVFFPQSAAAAAAAAAAAAAGSPYLLDLGSKMAEISSSSGLPYASSLGYPTAGAGAFHGAAA AAAAAAAAGGHTHSHPSPGNPGYMIPCNSAWPSPGLQPPLAYILLPGMGKQDPYPAAYAAAL  <b>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	28.4 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_009015</a>
Locus ID:	11166
UniProt ID:	<a href="#">Q9Y651</a>



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RefSeq Size: 2537

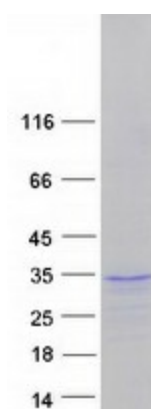
Cytogenetics: 13q32.1

RefSeq ORF: 828

Synonyms: SOX25

**Summary:** SRY-related HMG-box (SOX) genes encode a family of DNA-binding proteins containing a 79-amino acid HMG (high mobility group) domain that shares at least 50% sequence identity with the DNA-binding HMG box of the SRY protein (MIM 480000). SOX proteins are divided into 6 subgroups based on sequence similarity within and outside of the HMG domain. For additional background information on SOX genes, see SOX1 (MIM 602148).[supplied by OMIM, Apr 2004]

### Product images:



Coomassie blue staining of purified SOX21 protein (Cat# TP324471). The protein was produced from HEK293T cells transfected with SOX21 cDNA clone (Cat# [RC224471]) using MegaTran 2.0 (Cat# [TT210002]).