

## Product datasheet for **TP310323L**

### SOX18 (NM\_018419) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SRY (sex determining region Y)-box 18 (SOX18), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC210323 representing NM_018419
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MQRSPPGYGAQDDPPARRDCAWAPGHGAAADTRGLAAGPAALAAPAAPASPPSPQRSPPRSPEPGRYGLS  
PAGRGERQAADESRIIRPMNAFMVWAKDERKRLAQQNPDLHNAVLSKMLGKAWKELNAAEKRPFVEEAER  
LRVQHRLRDHPNYKYRPRRKKQARKARRLEPGLLLPGLAPPQPPPEPFAASGSARAFRELPLLGAEDGL  
GLPTPERSPLDGLEPGEAAFFPPAAPEDCALRPFAPYAPTELSRDPGGCYGAPLAEALRTAPPAAPLA  
GLYYGTLGTPGPYPGLSPPPEAPPLESAEPLGPAADLWADVDLTFDQYLNCSTRTPDAPGLPYHVALA  
KLGPRAMSCPEESSLISALSASSAVVYSACISGSGP

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40.7 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_060889</a>
Locus ID:	54345



[View online »](#)

UniProt ID: [P35713](#)

RefSeq Size: 1718

Cytogenetics: 20q13.33

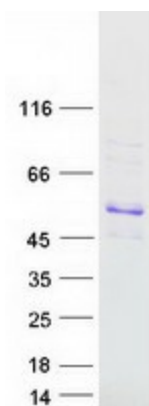
RefSeq ORF: 1161

Synonyms: HLTRS; HLTS

**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 the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. This protein plays a role in hair, blood vessel, and lymphatic vessel development. Mutations in this gene have been associated with recessive and dominant forms of hypotrichosis-lymphedema-telangiectasia. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified SOX18 protein (Cat# [TP310323]). The protein was produced from HEK293T cells transfected with SOX18 cDNA clone (Cat# [RC210323]) using MegaTran 2.0 (Cat# [TT210002]).