

## Product datasheet for PH310323

### SOX18 (NM\_018419) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SOX18 MS Standard C13 and N15-labeled recombinant protein (NP_060889)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210323
Predicted MW:	40.7 kDa
Protein Sequence:	>RC210323 representing NM_018419 Red=Cloning site Green=Tags(s)

MQRSPPGYGAQDDPPARRDCAWAPGHGAAADTRGLAAGPAALAAPAASPPSPQRSPPRSPEPGRYGLS  
PAGRGERQAADESRIIRPMNAFMVWAKDERKRLAQQNPDLHNAVL SKMLGKAWKELNAAEKRPFVEEAER  
LRVQHLDHPNYKYP RRKKQARKARRLEPGLLLPGLAPPQPPPEPFAASGSARAFRELPLGA EFDGL  
GLPTPERSPLDGLEPGEAAFFPPPAAPEDCALRPFAPYAPTEL SRDPGGCYGAPLAEALRTAPPAAPLA  
GLYYGTLGTPGPYPGPLSPPPEAPPLESAEPLGPAADLWADV DLTEFDQYLNCSRTRPDAPGLPYHVALA  
KLGPRAMSCPEESSLISALSDASSAVVYSACISGSGP

SGP TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_060889</a></u>
RefSeq Size:	1718
RefSeq ORF:	1161
Synonyms:	HLTRS; HLTS
Locus ID:	54345



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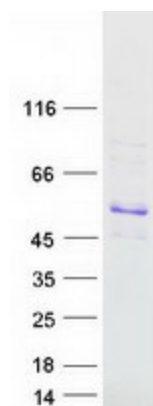
UniProt ID: [P35713](#)

Cytogenetics: 20q13.33

**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]).