

Recombinant Full Length Human SOX18 Protein, C-Flag-tagged

Cat. No. SOX18-1480HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SOX18 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.7 kDa
AA Sequence	MQRSPPGYGAQDDPPARRDCAWAPGHGAAADTRGLAAGPAALAAPAAPASPPSP QRSPPRSPEPGRYGLS PAGRGERQAADESRIIRPMNAFMVWAKDERKRLAQQNP DLHNAVLSKMLGKAWKELNAAEKRPFVEEAER LRVQHRLRDHPNYKYRPRRKKQAR KARRLEPGLLLPGLAPPQPPPEPFPAASGSARAFRELPLGAEFDGL GLPTPERSP LDGLEPGEAFFPPPAAPEDCALRPFRAPIYAPTELSRDPGGCYGAPLAEALRTAPP AAPLA GLYYGTLGTPGPYPGPLSPPEAPPLESAEPLGPAADLWADVDLTEFDQYL

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NCSRTRPDAPGLPYHVALA
 KLGPAMSCPEESSLISALSDASSAVYYISACISGSGPSGPTRTRRLEQKLISEEDLAA
 NDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	SOX18 SRY-box transcription factor 18 [Homo sapiens (human)]
Official Symbol	SOX18
Synonyms	HLTS; HLTRS
Gene ID	54345
mRNA Refseq	NM_018419.3

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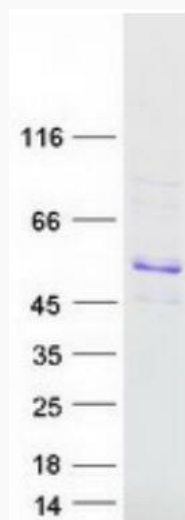
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Protein Refseq NP_060889.1

MIM 601618

UniProt ID P35713



Coomassie blue staining of purified SOX18 protein.

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