Recombinant Human SCX Protein, His-tagged

Cat. No. SCX-2675H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCX Protein (Met1-Ser201) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ser201
Description	Enables DNA-binding transcription activator activity, RNA polymerase II-specific and bHLH transcription factor binding activity. Contributes to E-box binding activity. Involved in positive regulation of transcription by RNA polymerase II. Located in nucleus. Part of transcription regulator complex.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.3 kDa Accurate Molecular Mass: 31 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	SCX scleraxis bHLH transcription factor [Homo sapiens (human)]
Official Symbol	SCX
Synonyms	SCX; scleraxis bHLH transcription factor; SCXA; SCXB; bHLHa48; basic helix-loop-helix transcription factor scleraxis class A basic helix-loop-helix protein 41 class A basic helix-loop-helix protein 48 class II bHLH protein scleraxis scleraxis basic helix-loop-helix transcription factor scleraxis homolog A scleraxis homolog B
Gene ID	642658
mRNA Refseq	NM_001080514

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Protein Refseq	NP_001073983
MIM	609067
UniProt ID	Q7RTU7

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