Recombinant Human TWIST1 cell lysate

Cat. No. TWIST1-1865HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. The protein encoded by this gene is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Dermo1. The strongest expression of this mRNA is in placental tissue; in adults, mesodermally derived tissues express this mRNA preferentially. Mutations in this gene have been found in patients with Saethre-Chotzen syndrome.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	TWIST1 twist homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	TWIST1
Synonyms	TWIST1; twist homolog 1 (Drosophila); acrocephalosyndactyly 3 , ACS3, blepharophimosis, epicanthus inversus and ptosis 3 , BPES3, TWIST; twist-related

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	protein 1; bHLHa38; BPES2; H twist; Saethre Chotzen syndrome; SCS; H-twist; B-HLH DNA binding protein; TWIST homolog of drosophila; class A basic helix-loop-helix protein 38; ACS3; CRS1; BPES3; TWIST;
Gene ID	7291
mRNA Refseq	NM_000474
Protein Refseq	NP_000465
MIM	601622
UniProt ID	Q15672
Chromosome Location	7p21
Pathway	Adipogenesis, organism-specific biosystem; HIF-2-alpha transcription factor network, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem;
Function	DNA binding; E-box binding; bHLH transcription factor binding; protein binding; protein domain specific binding; protein heterodimerization activity; protein homodimerization activity; sequence-specific DNA binding RNA polymerase II transcription factor activity; transcription factor binding;

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