

Recombinant Human TWIST2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TWIST2-3420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TWIST2 MS Standard C13 and N15-labeled recombinant protein (NP_476527) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a basic helix-loop-helix type transcription factor and shares similarity with Twist. This protein may inhibit osteoblast maturation and maintain cells in a preosteoblast phenotype during osteoblast development. This gene may be upregulated in certain cancers. Mutations in this gene cause focal facial dermal dysplasia 3, Setleis type. Two transcript variants encoding the same protein have been found.
Molecular Mass	18.1 kDa
AA Sequence	MEEGSSSPVSPVDSLGTSEEELERQPKRFGRKRRYSKKSSDGSPTPGKRGKKGS PSAQSFEEELQSQRILANVRERQRTQSLNEAFAALRKIIPTLPSDKLSKIQTCLKLAARYI DFLYQVLQSDMDNKMNTSCSYVAHERLSYAFSVWRMEGAWSMSASHTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TWIST2 twist family bHLH transcription factor 2 [Homo sapiens (human)]

Official Symbol TWIST2

Synonyms TWIST2; twist homolog 2 (Drosophila); twist-related protein 2; bHLHa39; Dermo 1; Dermo1; dermis-expressed protein 1; twist-related bHLH protein Dermo1; class A basic helix-loop-helix protein 39; MGC117334;

Gene ID 117581

mRNA Refseq NM_057179

Protein Refseq NP_476527

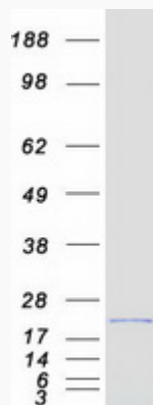
MIM 607556

UniProt ID Q8WVJ9

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SDS-PAGE

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