

Product datasheet for **TP305006**

TWIST2 (NM_057179) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human twist homolog 2 (Drosophila) (TWIST2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205006 protein sequence Red =Cloning site Green =Tags(s) MEEGSSSPVSPVDSLGTSEEEERQPKRFGRKRRYSKKSSSEDSPTPGKRGKKGSPSAQSFEELQSQRIL ANVRERQRTQSLNEAFAALRKIIPTLP SDKLSKIQT LKLAARYIDFLYQVLQSD EMDNKM TSCSYVAHER LSYAFSVWRMEGAWSMSASH TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	17.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_476527</u>
Locus ID:	117581
UniProt ID:	<u>Q8WVJ9</u> , <u>A1MB48</u>
RefSeq Size:	1186


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Cytogenetics: 2q37.3

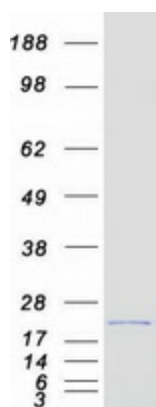
RefSeq ORF: 480

Synonyms: AMS; BBRSAY; bHLHa39; DERMO1; FFDD3; SETLSS

Summary: 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. [provided by RefSeq, Apr 2014]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified TWIST2 protein (Cat# TP305006). The protein was produced from HEK293T cells transfected with TWIST2 cDNA clone (Cat# [RC205006]) using MegaTran 2.0 (Cat# [TT210002]).