

Product datasheet for PH305006

TWIST2 (NM_057179) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TWIST2 MS Standard C13 and N15-labeled recombinant protein (NP_476527)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205006
Predicted MW:	18.1 kDa
Protein Sequence:	>RC205006 protein sequence Red=Cloning site Green=Tags(s) MEEGSSSPVSPVDSLGTSEEELERQPKRFGRKRRYSKKSSDGSPTPGKRGGKGGPSAQSFEELQSQRIL ANVRERQRTQSLNEAFAALRKIIPTLPSDKLSKIQTLKLAARYIDFLYQVLQSDMDNKMTSCSYVAHER LSYAFSVWRMEGAWSMSASH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_476527</u>
RefSeq Size:	1186
RefSeq ORF:	480
Synonyms:	AMS; BBR SAY; bHLHa39; DERMO1; FFDD3; SETLSS
Locus ID:	117581
UniProt ID:	<u>Q8WVJ9</u> , <u>A1MB48</u>



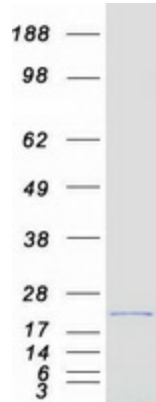
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Cytogenetics: 2q37.3

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]).