

Product datasheet for **TP311844L**

SIX5 (NM_175875) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SIX homeobox 5 (SIX5), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211844 representing NM_175875 Red=Cloning site Green=Tags(s)

MATLPAEPSAGPAAGGEAVAAAAATEEEEEEARQLLQTLQAAEGEAAAAAGAGAGAAAAGAEGPGSPGVP
GSPPEAASEPPTGLRFSPEQVACVCEALLQAGHAGRLSRFLGALPPAERLRGSDPVLRARALVAFQRGEY
AELYRLLESRPFAAHHAFLQDLYLRYHEAERARGRALGAVDKYRLRKKFPLPKTIWDGEETVYCFKE
RSRAALKACYRGNRYPTPEKRRLATLTGLSLTQVSNWFKNRRQRDRTGAGGGAPCKSESDGNPTTEDES
SRSPEDLERGAAPVSAEAAAQGSIFLAGTGPPAPCPASSILVNGSFLAASGSPAVLLNGGPVIINGLAL
GEASSLGPLLLTGGGGAPPPQPSPQGASETKTSVLDPQTGEVRLEEAQSEAPETKGAQVAAPGPALGEE
VLGPLAQVVPPTAATFPLPPGPVPAVAAPQVVPLSPPPGYPTGLSPTSPLLNLPQVVPTSQVVTLPQA
VGPLQLLAAGPGSPVKVAAAAGPANVHLINSGVGVGTALQLPSATAPGNFLLANPVSGSPIVTGAVVQQGK
IILTATFPTSMVLSQVLPAPGLALPLKPETAISVPEGGLPVAPSPALPEAHALGTLSAQQPPPAATTS
STSLSFSPDSPGLLPNFPAPPPEGLMLSPAAPVWWSAGLELSAGTEGLLEAEKGLGTQAPHTVLRPLDPD
PEGLLLGATAGGEVDEGLEAEAKVLTQLQSVPEEPELE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	74.4 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.



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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: [NP_787071](#)

Locus ID: 147912

UniProt ID: [Q8N196](#)

RefSeq Size: 3145

Cytogenetics: 19q13.32

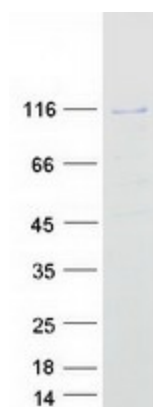
RefSeq ORF: 2217

Synonyms: BOR2; DMAHP

Summary: The protein encoded by this gene is a homeodomain-containing transcription factor that appears to function in the regulation of organogenesis. This gene is located downstream of the dystrophia myotonica-protein kinase gene. Mutations in this gene are a cause of branchiootorenal syndrome type 2. [provided by RefSeq, Jul 2009]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified SIX5 protein (Cat# [TP311844]). The protein was produced from HEK293T cells transfected with SIX5 cDNA clone (Cat# [RC211844]) using MegaTran 2.0 (Cat# [TT210002]).