

Product datasheet for TP311844

SIX5 (NM_175875) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human SIX homeobox 5 (SIX5), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC211844 representing NM_175875 Red=Cloning site Green=Tags(s) |

MATLPAEPSAGPAAGGEAVAAAAATEEEEEEARQLLQTLQAAEGEAAAAAGAGAGAAAAGAEGPGSPGVP
GSPPEAASEPPTGLRFSPEQVACVCEALLQAGHAGRLSRFLGALPPAERLRGSDPVLRARALVAFQRGEY
AELYRLLSRPFPAHHAFQLDLYLRARYHEAERARGRALGAVDKYRLRKKFPLPKTIWDGEETVYCFKE
RSRAALKACYRGNRYPTPDEKRRLATLTGLSLTQVSNWFKNRRQRDRTGAGGGAPCKSESDGNPTTEDES
SRSPEDLERGAAPVSAEAAAQGSIFLAGTGPPAPCPASSILVNGSFLAASGSPAVLLNGGPVIINGLAL
GEASSLGPLLLTGGGGAPPPQSPQGASETKTSVLDPQTGEVRLEEAQSEAPETKGAQVAAPGPALGEE
VLGPLAQVVPPTAATFPLPPGPVPAVAAPQVWVPLSPPPGYPTGLSPTSPLLNLPQVVPVTSQVVTLPQA
VGPLQLLAAGPGSPVKVAAAAGPANVHLINSGVGVGTALQLPSATAPGNFLLANPVSGSPIVTGAVVQQGK
IILTATFPTSMVLSQVLPAPGLALPLKPETAISVPEGGLPVAPSPALPEAHALGTLQAQPPPPAAATTS
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

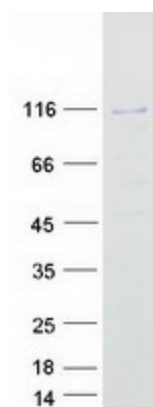
RefSeq ORF: 2217

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]).