

Product datasheet for TP522663

Six5 (NM_011383) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sine oculis-related homeobox 5 (Six5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222663 representing NM_011383 Red=Cloning site Green=Tags(s)

MATSPAEPSAGPAARGEAAAATEEQEEEARQLLQTLQAAEGEAAAAGAGDAAAAADSGSPSPGPGSPRETV
TEVPTGLRFSPEQVACVCEALLQAGHAGRLSRFLGALPPAERLRGSDPVLRRALVAFQRGEYAELYQLL
ESRPFPAAHHAFLQDLYLRARYHEAERARGRALGAVDKYRLRKKFPLPKTIWDGEETVYCFKERSRAALK
ACYRGNRYPTPDEKRRLATLTGLSLTQVSNWFKNRRQRDRGTGGGAPCKSESDGNPTTEDESSRSPEDL
ERGVASMAAEAPAQSSIFLAGATSPATCPASSSILVNGSFLAASSPPAVLLNGSPVIINSLALGENSSLG
PLLLTGGGAPQPQPSLQGVSEAKNSLVLDPQTGEVRLDEAQSEAPETKGVHGTGEEIPGALPQVWP
PASTFPLTPGAVPAVAAPQVWPLSPSSGYPTGLSPTSPRLNLPQVWPTSQVWTLQAVGPLQLLAAGPGS
PVKVAAGPTNVHLINSSVGTALQLPSSTAPGNFLLANPVS GSPVITGVAVQGGKIILTATFPTSM
LV
SQVLPAPSLALPLKQEPAITVPEGALPVGPSPTLPEGHTLGPISQPLPPASVVTSGTSLPFPDSSGL
LSSFSAPLPEGLMLSPAAPVWPAGLELSTGVEGLGTQATHTVLRLPDPDPQGLLLGATTGTEVDEGLEA
EAKVLTQLQSVPEEPELE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	73.7 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
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 after receiving vials.



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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_035513
Locus ID:	20475
UniProt ID:	P70178
RefSeq Size:	2853
Cytogenetics:	7 9.46 cM
RefSeq ORF:	2157
Synonyms:	Dmahp; MDMAHP; TrexBF
Summary:	Transcription factor that is thought to be involved in regulation of organogenesis. May be involved in determination and maintenance of retina formation. Binds a 5'-GGTGTCTAG-3' motif present in the ARE regulatory element of ATP1A1. Binds a 5'-TCA[AG][AG]TTNC-3' motif present in the MEF3 element in the myogenin promoter, and in the IGFBP5 promoter (By similarity). Thought to be regulated by association with Dach and Eya proteins, and seems to be coactivated by EYA1, EYA2 and EYA3.[UniProtKB/Swiss-Prot Function]