

Product datasheet for **TP314143M**

SIX homeobox 4 (SIX4) (NM_017420) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human SIX homeobox 4 (SIX4), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC214143 representing NM_017420
Red=Cloning site **Green**=Tags(s)

MSSSSPTGQIASAADIKQENGMESASEGQEAHREVAGGAAVGLSPPAPAPFPLEPGDAATAAARVSGEEG
AVAAAAAGAAADQVQLHSELLGRHHHAAAAAAQTPLAFSPDHVACVCEALQQGGNLDRLARFLWSLPQSD
LLRGNESLLKARALVAFHQGIPELYSILESHSFESANHPLLQQLWYKARYTEAERARGRPLGAVDKYRL
RRKFPLPRTIWDGEETVYCFKEKSRNALKELYKQNRYPSPA EKRLAKITGLSLTQVSNWFKNRRQRDRN
PSETQSKSESDGNPSTEDSSKGHEDLSPHPLSSSSDGITNLSLSSHMEPVYMQQIGNAKISLSSSGVLL
NGSLVPASTSPVFLNGNSFIQGPSGVLNGLNVGNTQAVLNPPKMSSNIVSNGISMTDILGSTSQDVKE
FKVLQSSANSATTTYSVSPVSPFGLIPSTEVKREGIQTVASQDGGSVTFTTPVQINQYQIVQIPNSG
ANSQFLNGSIGFSPLQLPPVSVAAASQGNISVSSSTSDGSTFTSESTTVQQGKVFSSLAPSAVWYTPNT
GQTIGSVKQEGLESLVFSQLMPVNQNAQVNANLSSENISGSLHPLASSLVNVSPTHNFSLSPSTLLNP
TELNRDIADSQPMSAPVASKSTVTSVNTNYATLQNCSLITGQDLLSVPMTQAALGEIVPTAEDQVGHPS
PAVHQDFVQEHRLVLQSVANMKENFLSNSESKATSSLMLDLSKSKYVLDGMVDTVCEDLETDKKELAKLQ
TVQLDEDMQDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

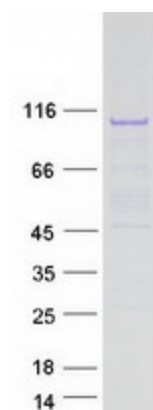
Tag: C-Myc/DDK
Predicted MW: 82.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity 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.



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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:	NP_059116
Locus ID:	51804
UniProt ID:	Q9UIU6
RefSeq Size:	6214
Cytogenetics:	14q23.1
RefSeq ORF:	2343
Synonyms:	AREC3
Summary:	This gene encodes a member of the homeobox family, subfamily SIX. The drosophila homolog is a nuclear homeoprotein required for eye development. Studies in mouse show that this gene product functions as a transcription factor, and may have a role in the differentiation or maturation of neuronal cells. [provided by RefSeq, May 2010]

Product images:



Coomassie blue staining of purified SIX4 protein (Cat# [TP314143]). The protein was produced from HEK293T cells transfected with SIX4 cDNA clone (Cat# [RC214143]) using MegaTran 2.0 (Cat# [TT210002]).