

Product datasheet for **TP301328**

SIX2 (NM_016932) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SIX homeobox 2 (SIX2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201328 protein sequence Red=Cloning site Green=Tags(s)

MSMLPTFGFTQEQVACVCEVLQQGGNIERLGRFLWSLPACEHLHKNESVLKAKAWAFHRGNFRELYKIL
ESHQFSPHNHAKLQQLWLKAHYIEAEKLRGRPLGAVGKYRVRKRFPLPRSIWDGEETSYCFKEKRSVLR
EWYAHNPYPSPREKRELTEATGLTTTQVSNWFKNRRQRDRAAEAKERENNENSNSNSHNPLNGSGKSVLG
SSEDEKTPSGTPDHSSSSPALLLSPPPPGLPSLHSLGHPPGPSAVPVPVPGGGGADPLQHHHGLQDSILN
PMSANLVDLGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	32.1 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.
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:	<u>NP_058628</u>
Locus ID:	10736



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UniProt ID: [Q9NPC8](#), [Q8TBA2](#)

RefSeq Size: 2178

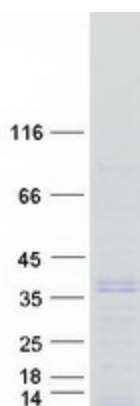
Cytogenetics: 2p21

RefSeq ORF: 873

Summary: This gene is a member of the vertebrate gene family which encode proteins homologous to the Drosophila 'sine oculis' homeobox protein. The encoded protein is a transcription factor which, like other members of this gene family, may be involved in limb or eye development. [provided by RefSeq, Dec 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified SIX2 protein (Cat# TP301328). The protein was produced from HEK293T cells transfected with SIX2 cDNA clone (Cat# [RC201328]) using MegaTran 2.0 (Cat# [TT210002]).