

Product datasheet for TP328521M

POU6F2 (NM_001166018) Human Recombinant Protein

Product data:

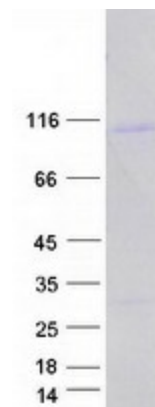
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens POU class 6 homeobox 2 (POU6F2), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228521 representing NM_001166018 Red =Cloning site Green =Tags(s) MSALLQDPMIAGQVSKPLLSVRSEMNAELRGEDKAATSDSELNEPLLAPVESNDSSEDTPSKLFGARGNPA LSDPGTPDQHQASQTHPPFPVGPQPLLTAQQLASAVAGVMPGGPPALNQIPILIPFMAGQLGGQQGLVLT LPTANLTNIQGLVAAAAAGGIMTLPLQNLQATSSLNSQLQQQLQLLQQQQQQQQQPPSTNQHPQPAPQ APSQSQQQPLQPTPPQQPPASQQPPAPTSQLQQAPQPQHQPHSHSQNQNPSPPTQQSSSPPQKPSQSP GHGLPSPLTPPNPLQLVNNPLASQAAAAAAMSSIASQAFGNALSSLQGVGTGQLVTNAQGQIIGTIPLM PNPGPSSQAASGTQGLQVQPITPQLLTNAQGQIIATVIGNQILPVINTQGITLSPIKPGQQLHQPSQTSV GQAASQGNLLHLAHSQASMSQSPVRQASSSSSSSSSSALSQVGLVSNPQTAAGEVDGVLNLEEIREFAKA FKIRRLSLGLTQTQVGQALSATEGPAYSQSAICRFEKLDITPKSAQKIKPVLERWMAEAEARHRAGMQNL TEFIGSEPSKKRKRRTSFTPQALEILNAHFENKTHPSGQEMTEIAEKLNVDREVVRVWFCNKRQALKNTI KRLKQHEPATAVPLEPLTDSLEENS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	69.1 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:	NULL or Add: Recombinant proteins 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_001159490
Locus ID:	11281
UniProt ID:	P78424
Cytogenetics:	7p14.1
RefSeq ORF:	1965
Synonyms:	RPF-1; WT5; WTSL
Summary:	This gene encodes a member of the POU protein family characterized by the presence of a bipartite DNA binding domain, consisting of a POU-specific domain and a homeodomain, separated by a variable polylinker. The DNA binding domain may bind to DNA as monomers or as homo- and/or heterodimers, in a sequence-specific manner. The POU family members are transcriptional regulators, many of which are known to control cell type-specific differentiation pathways. This gene is a tumor suppressor involved in Wilms tumor (WT) predisposition. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Oct 2009]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified POU6F2 protein (Cat# [TP328521]). The protein was produced from HEK293T cells transfected with POU6F2 cDNA clone (Cat# [RC228521]) using MegaTran 2.0 (Cat# [TT210002]).