

Product datasheet for **TP324192M**

POU6F2 (NM_007252) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human POU class 6 homeobox 2 (POU6F2), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC224192 representing NM_007252

Red=Cloning site **Green**=Tags(s)

MSALLQDPMIAGQVSKPLLSVRSEMNAELRGEDKAATSDSELNEPLLAPVESNDSSEDTPSKLFGARGNPA
LSDPGTPDQHQASQTHPPFPVGPQPLLLTAQQLASAVAGVMPGGPPALNQIPILIPFMAGQLGGQQGLVLT
LPTANLTNIQGLVAAAAAGGIMTLPLQNLQATSSLNSQLQQQLQLLQQQQQQQQQPPSTNQHPQPAPQ
APSQSQQQLQPTPPQPPASQQPPAPTSQLQQAPQPQQHQPHSHSQNQNPSPPTQQSSSPQKPSQSP
GHGLPSPLTPPNPLQLVNNPLASQAAAAAAMSSIASQAFGNALSSLQGVTGQLVTNAQGQIIGTIPLM
PNP GPSSQAASGTQGLQVQPITPQLLTNAQGQIIATVIGNQILPVINTQGITLSPIKPGQQLHQPSQTSV
GQAASQGNLLHLAHSQASMSQSPVRQASSSSSSSSSSSALSVGQLVSNPQTAAGEVDGVNLEEIREFAKA
FKIRRLSLGLTQTQVGQALSATEGPAYSQSAICRHTILRSHFFLPQEAQENTIASSLTAKLNPGLLYPAR
FEKLDITPKSAQKIKPVLERWMAEAEARHRAGMQNLTEFIGSEPSKRRKRRTSFTPALEILNAHFENKNT
HPSGQEMTEIAEKLNYDREVVVRVWFCNKRQALKNTIKRLKQHEPATAVPLEPLTDSLEENS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 73.1 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.



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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_009183](#)

Locus ID: 11281

UniProt ID: [P78424](#)

RefSeq Size: 2324

Cytogenetics: 7p14.1

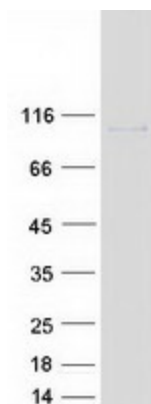
RefSeq ORF: 2073

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# [TP324192]). The protein was produced from HEK293T cells transfected with POU6F2 cDNA clone (Cat# [RC224192]) using MegaTran 2.0 (Cat# [TT210002]).