

## Product datasheet for TP324192L

### POU6F2 (NM\_007252) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human POU class 6 homeobox 2 (POU6F2), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC224192 representing NM\_007252  
Red=Cloning site Green=Tags(s)

MSALLQDPMIAGQVSKPLLSVRSEMNAELRGEDKAATSDSELNEPLLAPVESNDSSEDTPSKLFGARGNPA  
 LSDPGTPDQHQASQTHPPFPVGPQPLLLTAQQLASAVAGVMPGGPPALNQIPILIPFNMAGQLGGQQGLVLT  
 LPTANLTNIQGLVAAAAAGGIMTLPLQNLQATSSLNSQLQQQLQLLQQQQQQQQQPPSTNQHPQPAPQ  
 APSQSQQQLQPTPPQPPASQQPPAPTSQLQQAPQPQQHQPHSHSQNQNPSPPTQQSSSPQKPSQSP  
 GHGLPSPLTPPNPLQLVNNPLASQAAAAAAMSSIASQAFGNALSSLQGVTGQLVTNAQGQIIGTIPLM  
 PNPGPSSQAASGTQGLQVQPITPQLLTNAQGQIIATVIGNQILPVINTQGITLSPIKPGQQLHQPSQTSV  
 GQAASQGNLLHLAHSQASMSQSPVRQASSSSSSSSSSSALSVGQLVSNPQTAAGEVDGVNLEEIREFAKA  
 FKIRRLSLGLTQTQVGQALSATEGPAYSQSAICRHTILRSHFFLPQEAQENTIASSLTAKLNPGLLYPAR  
 FEKLDITPKSAQKIKPVLERWMAEAEARHRAGMQNLTEFIGSEPSKRRKRRTSFTPALEILNAHFEKNT  
 HPSGQEMTEIAEKLNYDREVVVRVWFCNKRQALKNTIKRLKQHEPATAVPLEPLTDSLEENS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

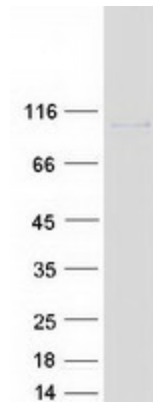
**Tag:** C-Myc/DDK  
**Predicted MW:** 73.1 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_009183</a>
<b>Locus ID:</b>	11281
<b>UniProt ID:</b>	<a href="#">P78424</a>
<b>RefSeq Size:</b>	2324
<b>Cytogenetics:</b>	7p14.1
<b>RefSeq ORF:</b>	2073
<b>Synonyms:</b>	RPF-1; WT5; WTSL
<b>Summary:</b>	<p>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]</p>
<b>Protein Families:</b>	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]).