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POU6F1, 1-301aa, Human, His tag, E.coli

产品货号: TP03477

第三版

别名:POU domain, class 6, transcription factor 1, BRN5, MPOU, TCFB1

**描述:**POU6F1 belongs to the POU transcription factor family. This protein is transcription factor that binds preferentially to a variant of the octamer motif (5'-ATGATAAT-3'). In the embryo, it is expressed exclusively in the developing brain, whereas in the adult its expression is restricted to brain, heart, skeletal muscle and lung. In the brain, the highest expression levels are found in specific cell layers of the cortex, the olfactory bulb, the hippocampus and the cerebellum. Recombinant human POU6F1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.

**分子量:**35kDa (324aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMPISSQILTNAQGQVIGTLPWVVSASVAAPAPAQSLQVQAVTPQLLLNAQGQV  
IATLASSPLPPVAVRKPSTPESPAKSEVQPIQPTPTVPQPAVVIASPAKPSASAPIITCSETPTVSQLVSKPHTPSLDEDGI  
NLEEIREFAKNFKIRRLSLGLTQTQVGQALTATEGPAYSSAICRFEKLDITPKSAQKLKPVLEKWLNEAELRNQEGQQNLM  
EFVGGEPSSKKRKRRTSFTPQAIEALNAYFEKNPLPTGQEITEIAKELNYDREVVRVWFCNRRQLTKNTSKLNVFQIP

**纯度:**> 95% by HPLC

**浓度:**0.5 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.