

# Human POU5F1 Recombinant Protein



RPPB4282

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## Product Information    Protein Information

**Product SKU:**

RPPB4282

**Accession:**

Q01860

**Host:**

Escherichia Coli.

**Protein description:**

POU5F1 Human Recombinant produced in E. coli is a single polypeptide chain containing 285 amino acids (1-265) and having a molecular mass of 32.2 kDa. POU5F1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

POU domain class 5 transcription factor 1, Octamer-binding protein 3, Oct-3, Octamer-binding protein 4, Oct-4, Octamer-binding transcription factor 3, OTF-3, POU5F1, OCT3, OCT4, OTF3, OTF4, MGC22487.

**Formulation:**

The POU5F1 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MHFYRLFLGA TRRFLNPEWK GEIDNWCYVY LSSLPPFKIQ SQDIKALQKE  
LEQFAKLLKQ KRITLGYTQA DVGLTLGVLF GKVFSQTTIC RFEALQLSFK NMCKLRPLLQ KWVEEADNNE  
NLQEICKAET LVQARKRKRT SIENRVRGNL ENLFLQCPKP TLQQISHIAQ QLGLEKDVVR VWFNRRQKG  
KRSSDYAQR EDFEAAGSPF SGGPVSFPLA PGPFHGTPGY GSPHFTALYS SVPFPEGEAF PPSVSTLGS PMHSN.