

# Human SIX1 Recombinant Protein



RPPB4698

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## Product Information    Protein Information

**Product SKU:**

RPPB4698

**Accession:**

Q15475

**Host:**

E.coli.

**Protein description:**

SIX1 Human Recombinant produced in E. coli is a single polypeptide chain containing 308 amino acids (1-284) and having a molecular mass of 34.7 kDa. SIX1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

SIX Homeobox 1, Sine Oculis Homeobox Homolog 1, Sine Oculis Homeobox Homolog 1 (Drosophila), Homeobox Protein SIX1, Deafness Autosomal Dominant 23, DFNA23, TIP39, BOS3.

**Formulation:**

The SIX1 solution contains 20mM Tris-HCl buffer (pH 8.0), 2M 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 MGSMSMLPS FGFTQEQVAC VCEVLQGGN LERLGRFLWS LPACDHLHKN  
ESVLKAKAVV AFHRGNFREL YKILESHQFS PHNHPKLQQL WLKAHYVEAE KLRGRPLGAV GKYRVRKFP  
LPRTIWDGEE TSYCFKEKSR GVLREWYAHN PYPSPREKRE LAEATGLTTT QVSNWFKNRR QRDRAAEAKE  
RENTENNNSS SNKQNQLSPL EGGKPLMSSS EEEFSPQSP DQNSVLLLQG NMGHARSSNY SLPGLTASQP  
SHGLQTHQHQ LQDSSLGPLT SSLVDLGS