

32-4855: Recombinant Human SIX Homeobox 1

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

Description

Source : E.coli. 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. Homeobox protein SIX1 (SIX1) belongs to the SIX gene family. SIX1 is characterized by a divergent DNA-binding homeodomain and an upstream SIX domain, which is involved both in determining DNA-binding specificity and in mediating protein-protein interactions. SIX1 has a role in vertebrate and insect development or in the maintenance of the differentiated state of tissues.

Product Info

Amount : 20 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : The SIX1 solution contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea and 10% glycerol.
Storage condition : 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 : MGSSHHHHHH SSGLVPRGSH MGSMSMLPS FGFTQEQVAC VCEVLQQGGN LERLGRFLWS
LPACDHLHKN ESVLKAKAVV AFHRGNFREL YKILESHQFS PHNHPKLQQL WLKAHYVEAE KLRGRPLGAV
GKYRVRKFP LPRTIWDGEE TSYCFKEKSR GVLREWYAHN PYSPREKRE LAEATGLTTT QVSNWFKNRR
QRDRAAEAKE RENTENNNSS SNKQNQLSPL EGGKPLMSSS EEEFSPQSP DQNSVLLQ
NMGHARSSNY SLPGLTASQP SHGLQTHQH QDSSLGPLT SSLVDLGS