

## DLX5 Recombinant Protein

**CATALOG NO.:** XW-RP3064

**BACKGROUND:**

Many vertebrate homeo box-containing genes have been identified on the basis of their sequence similarity with Drosophila developmental genes. Members of the Dlx gene family contain a homeobox that is related to that of Distal-less (Dll), a gene expressed in the head and limbs of the developing fruit fly. The Distal-less (Dlx) family of genes comprises at least 6 different members, DLX1-DLX6. The DLX proteins are postulated to play a role in forebrain and craniofacial development. DLX5 and DLX6 are closely linked in an inverted convergent (tail-to-tail) configuration. DLX5 is a candidate gene for split-hand/split-foot malformation (SHFM1).

**SOURCE:** E. coli

**PURITY:** ~90%

**BUFFER:** 10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN<sub>3</sub>

**FUSION PARTNER:** His-tag at N-terminus

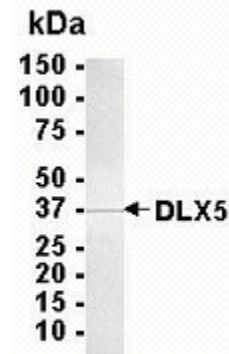
**DOMAIN:** aa. 1-289

**MOLECULAR WEIGHT:** 33.2 kDa (Calculated)

**PROTEIN GI #:** 4885187

**PROTEIN ACCESSION #:** NP\_005212

**TESTED APPLICATION:** WB,E,MS



**SDS PAGE:** Analysis of DLX5 Recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.

**STORAGE:** Store at -70°C. As with any protein, exposing DLX5 recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

During shipment, small volumes of DLX5 recombinant protein will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap. **For research use only.**