

## MAX Dimerization Protein 3 Human Recombinant

**Item Number** rAP-3902

**Synonyms** BHLHC13, MAD3, MYX, Max dimerization protein 3, Max dimerizer 3, Class C basic helix-loop-helix protein 13, bHLHc13, Max-associated protein 3, Max-interacting transcriptional repressor MAD3, MXD3 Human, MXD3.

**Description** MXD3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 229 amino acids (1-206) and having a molecular mass of 25.9 kDa. MXD3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Uniprot Accesion Number** Q9BW11

**Amino Acid Sequence** MGSSHHHHHH SSGLVPRGSH MGSMEPLASN IQVLLQAAEF LERREREAEH GYASLCPHRS PGPIH-RRKKR PPQAPGAQDS GRSVHNELEK RRRAQLKRCI ERLKQQMPLG ADCARYTTLS LLRRARMHIQ KLEDQEQRAR QLKERLRSKQ QSLQRQLEQL RGLAGAAERE RLRADSLDSS GLSSERSDSD QEELEVVDVES LVFGGEAELL RGFVAGQEHS YSHGGGAWL.

**Source** Escherichia Coli.

**Physical Appearance and Stability** Sterile Filtered colorless solution. 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.

**Formulation and Purity** The MXD3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.

**Application**

**Solubility**

**Biological Activity**

**Shipping Format and Condition** Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**