

Inhibitor of DNA Binding 1 Human Recombinant

Item Number	rAP-3488
Synonyms	bHLHb24, ID, DNA-binding protein inhibitor ID-1, Class B basic helix-loop-helix protein 24, Inhibitor of DNA binding 1, ID1.
Description	ID1 Human Recombinant produced in E. coli is a single polypeptide chain containing 178 amino acids (1-155) and having a molecular mass of 18.5kDa. ID1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P41134
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMKVASGS TATAAAGPSC ALKAGKTASG AGEVVRCLSE QSVASRCAG GAGARLPALL DEQQVNVLLY DMNGCYSRLK ELVPTLPQNR KVSKEILQH VIDYIRDLQL ELNSESEVGT PGGRGLPVRA PLSTLNGEIS ALTAEACVP ADDRILCR.
Source	E.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 ID1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 85% 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 ender users! This product is sold for **Research Use Only**