

Inhibitor of DNA Binding 2 Human Recombinant

Item Number	rAP-3487
Synonyms	DNA-binding protein inhibitor ID-2, bHLHb26, GIG8, ID2A, ID2H, MGC26389, Class B basic helix-loop-helix protein 26, Inhibitor of DNA binding 2.
Description	ID2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 154 amino acids (1-134 a.a.) and having a molecular mass of 17kDa. ID2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q02363
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MKAFFSPVRSV RKNLSLDHSL GISRSKTPVD DPMSLLYNMN DCYSKLELV PSIPQNKKVS KMEILQHVID YILDQLALD SHPTIVSLHH QRPQGNQASR TPLTTLNTDI SILSLQASEF PSELMNSDK ALCG.
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	ID2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. 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**