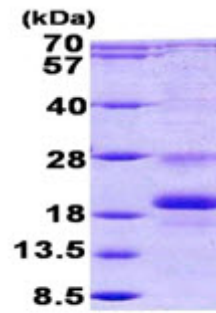


Human ID1 / BHLHB24 (1-155, His-tag) - Purified

Alternate names:	Class B basic helix-loop-helix protein 24, DNA-binding protein inhibitor ID-1, Inhibitor of DNA binding 1
Catalog No.:	AR50870PU-S
Quantity:	50 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	ID1 is a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic HLH family of transcription factors. The protein has no DNA binding activity and therefore can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. This protein may play a role in cell growth, senescence, and differentiation.
Uniprot ID:	P41134
NCBI:	NP_002156
GeneID:	3397
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human ID1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGS MKVASGS TATAAAGPSC ALKAGKTASG AGEVVRCLSE QSVAISRCAG GAGARLPALL DEQQVNVLLY DMNGCYSRLK ELVPTLPQNR KVSKVEILQH VIDYIRDLQL ELNSESEVGT PGG RGLPVRA PLSTLNGEIS ALTAEAACVP ADDRILCR Molecular weight: 18.5 kDa (178aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Deed R.W., et al. (1994) Biochim. Biophys. Acta. 1219:160-162 Hara E., et al. (1994) J. Biol. Chem. 269:2139-2145

Pictures:



15% SDS-PAGE (3ug)