

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com **OriGene Technologies GmbH**

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AR50870PU-N Human ID1 / BHLHB24 (1-155, His-tag) - Purified

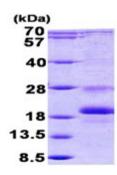
Alternate names:	Class B basic helix-loop-helix protein 24, DNA-binding protein inhibitor ID-1, Inhibitor of DNA binding 1
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	ID1 is a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic 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:	<u>P41134</u>
NCBI:	<u>NP_002156</u>
GenelD:	<u>3397</u>
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: MGSSHHHHHH SSGLVPRGSH MGSMKVASGS TATAAAGPSC ALKAGKTASG AGEVVRCLSE QSVAISRCAG GAGARLPALL DEQQVNVLLY DMNGCYSRLK ELVPTLPQNR KVSKVEILQH VIDYIRDLQL ELNSESEVGT PGGRGLPVRA 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. 1219:160-162Hara E., et al. (1994) J. Biol. Chem. 269:2139-2145

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MP/20130116



Pictures:



15% SDS-PAGE (3ug)

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