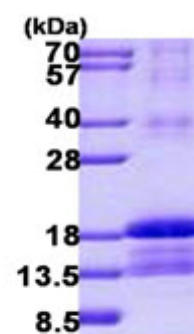


AR50815PU-S

Human ID2 / BHLHB26 (1-134, His-tag) - Purified

Alternate names:	Class B basic helix-loop-helix protein 26, DNA-binding protein inhibitor ID-2, Inhibitor of DNA binding 2
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	ID2 belongs to the inhibitor of DNA binding (ID) family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the ID family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner by suppressing their heterodimerization partners through the HLH domains. This protein may play a role in negatively regulating cell differentiation.
Uniprot ID:	Q02363
NCBI:	NP_002157
GeneID:	3398
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Description:	Recombinant human ID2 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SSGLVPRGSH MKAFFSPVRSV RKNSLSDHSL GISRSKTPVD DPMSLLYNMN DCYSKLKELV PSIPQNKVS KMEILQHVID YILDQLIALD SHPTIVSLHH QRPQGNQASR TPLTTLNTDI SILSLQASEF PSELMSNDSK ALCG Molecular weight: 17.0 kDa (154aa)
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:	Hara E. et al. (1994) J Biol Chem. 269:2139-2145. Langlands Ket al. (1997) J Biol Chem. 272:19785-19793.

Pictures:



15% SDS-PAGE (3ug)