

Recombinant Human ID1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ID1-3219H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ID1 MS Standard C13 and N15-labeled recombinant protein (NP_002156) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic HLH family of transcription factors. The encoded 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. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	16.1 kDa
AA Sequence	MKVASGSTATAAAGPSCALKAGKTASGAGEVVRCLSEQSVAISRCAGGAGARLPAL LDEQQVNVLLYDMNGCYSRLKELVPTLPQNRKVSKEILQHVIDYIRDLQLELNSESE VGTPGGRGLPVRAPLSTLNGEISALTAEACVPADDRILCRTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ID1 inhibitor of DNA binding 1, HLH protein [Homo sapiens (human)]

Official Symbol ID1

Synonyms ID1; inhibitor of DNA binding 1, dominant negative helix-loop-helix protein; DNA-binding protein inhibitor ID-1; bHLHb24; dJ857M17.1.2; DNA binding protein inhibitor ID 1; inhibitor of differentiation 1; class B basic helix-loop-helix protein 24; dJ857M17.1.2 (inhibitor of DNA binding 1, dominant negative helix-loop-helix protein); ID;

Gene ID 3397

mRNA Refseq NM_002165

Protein Refseq NP_002156

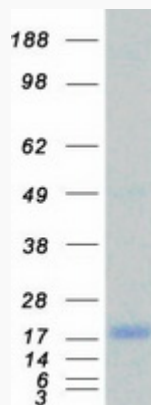
MIM 600349

UniProt ID P41134

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SDS-PAGE

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