

Recombinant Human ID4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ID4-992H **Lot. No.** (See product label)

SPECIFICATION

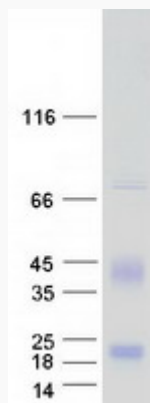
Product Overview	ID4 MS Standard C13 and N15-labeled recombinant protein (NP_001537) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the inhibitor of DNA binding (ID) protein family. The encoded protein lacks DNA binding ability, and instead regulates gene expression through binding to and inhibiting basic helix-loop-helix transcription factors. This protein has been implicated in the regulation of diverse cellular processes that play a role in development and tumorigenesis.
Molecular Mass	16.4 kDa
AA Sequence	MKAVSPVRPSGRKAPSGCGGGELALRCLAEHGHSLGGSAAAAAAAAAARCKAAEA AADEPALCLQCDMNDYCYSRLRRLVPTIPPNNKKVSKVEILQHVIDYILDLQLALETHPAL LRQPPPPAPPHHPAGTCTPAAPPRTPLTALNTDPAGAVNKQGDSILCRTRTRPLEQKL ISEEDLAANDILDYKDDDDKV
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 conditions.

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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	ID4 inhibitor of DNA binding 4, HLH protein [Homo sapiens (human)]
Official Symbol	ID4
Synonyms	ID4; inhibitor of DNA binding 4, dominant negative helix-loop-helix protein; DNA-binding protein inhibitor ID-4; bHLHb27; class B basic helix-loop-helix protein 27; IDB4;
Gene ID	3400
mRNA Refseq	NM_001546
Protein Refseq	NP_001537
MIM	600581
UniProt ID	P47928

SDS-PAGE

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