

Recombinant Mouse Id4 Protein, MYC/DDK-tagged

Cat. No. Id4-1210M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Purified recombinant protein of full-length mouse inhibitor of DNA binding 4 (Id4), with C-terminal MYC/DDK tag, was expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Transcriptional regulator (lacking a basic DNA binding domain) which negatively regulates the basic helix-loop-helix (bHLH) transcription factors by forming heterodimers and inhibiting their DNA binding and transcriptional activity. Implicated in regulating a variety of cellular processes, including cellular growth, senescence, differentiation, apoptosis, angiogenesis, and neoplastic transformation. |
| Molecular Mass | 17 kDa |
| Purity | >80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 g/mL as determined by microplate BCA method |
| Storage Buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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



GENE INFORMATION

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|------------------------|---|
| Gene Name | Id4 inhibitor of DNA binding 4 [Mus musculus (house mouse)] |
| Official Symbol | Id4 |
| Synonyms | Id4; inhibitor of DNA binding 4; Id4; bHLHb27; DNA-binding protein inhibitor ID-4; inhibitor of differentiation 4 |
| Gene ID | 15904 |
| mRNA Refseq | NM_031166 |
| Protein Refseq | NP_112443 |
| UniProt ID | P41139 |

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