Active Recombinant Full Length Human ID2 Protein

Cat. No. ID2-245HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ID2 protein with a proprietary tag; predicted molecular weight 40.48 kDa, inclusive of tag. AAH30639
Species	Human
Source	In Vitro Cell Free System
ProteinLength	135 amino acids
Description	The protein encoded by this gene belongs to the inhibitor of DNA binding family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the inhibitor of DNA binding 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. A pseudogene of this gene is located on chromosome 3.
Form	Liquid
Bio-activity	Useful for Antibody Production and Protein Array
Molecular Mass	40.480kDa inclusive of tags
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	ID2 inhibitor of DNA binding 2, dominant negative helix-loop-helix protein [Homo sapiens]
Official Symbol	ID2
Synonyms	ID2; inhibitor of DNA binding 2, dominant negative helix-loop-helix protein; DNA-binding protein inhibitor ID-2; bHLHb26; cell growth inhibiting gene 8; GIG8
Gene ID	3398
mRNA Refseq	NM_002166
Protein Refseq	NP_002157
MIM	600386
UniProt ID	Q02363

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