

Recombinant Full Length Human ID3 Protein, C-Flag-tagged

Cat. No. ID3-1176HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ID3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a helix-loop-helix (HLH) protein that can form heterodimers with other HLH proteins. However, the encoded protein lacks a basic DNA-binding domain and therefore inhibits the DNA binding of any HLH protein with which it interacts.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	12.8 kDa
AA Sequence	MKALSPVRGCYEAVCCLSLERSLAIARGRGKGPAEEPLSLDDMNHCSRLRELVP GVPRGTQLSQVEIL QRVIDYILDQLQVLAEPAPGPPDGPLPIQTAELAPELVISNDKRSFCHTRTRPLEQKL ISEEDLAANDILDYKDDDDKV
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.

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Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
Protein Pathways	TGF-beta signaling pathway
Full Length	Full L.

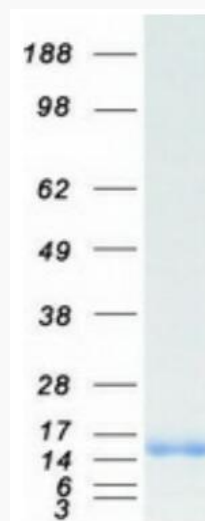
GENE INFORMATION

Gene Name	ID3 inhibitor of DNA binding 3 [Homo sapiens (human)]
Official Symbol	ID3
Synonyms	HEIR-1; bHLHb25
Gene ID	3399
mRNA Refseq	NM_002167.5
Protein Refseq	NP_002158.3
MIM	600277
UniProt ID	Q02535

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Coomassie blue staining of purified ID3 protein.

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