

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human ID3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	12.8 kDa
<b>AA Sequence</b>	MKALSPVRGCYEAVCCLSERSLAIARGRGKGPAAEEPLSLDDMNHCSRLRELVP GVPRGTQLSQVEIL QRVIDYILDQLQVLAEPAPGPPDGPLPIQTAELAPELVISNDKRSFCHTRTRPLEQKL ISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

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

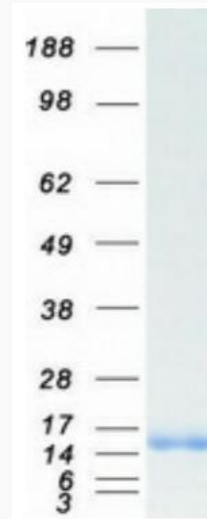
## GENE INFORMATION

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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



Coomassie blue staining of purified ID3 protein.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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