

Datasheet for ABIN2723242

**ID3 Protein (Myc-DYKDDDDK Tag)**[1 Image](#)[1 Publication](#)[Go to Product page](#)

## Overview

Quantity:	20 µg
Target:	ID3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ID3 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human ID3 / BHLHB25 protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	ID3
Alternative Name:	Id3,bhlhb25 ( <a href="#">ID3 Products</a> )
Background:	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.
Molecular Weight:	12.8 kDa

## Target Details

NCBI Accession: [NP\\_002158](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

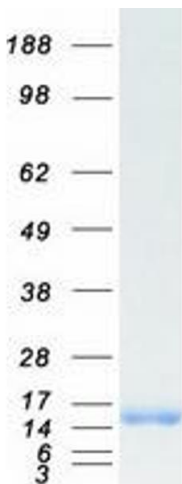
Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

Product cited in: Das, Felty: "PCB153-induced overexpression of ID3 contributes to the development of microvascular lesions." in: **PLoS ONE**, Vol. 9, Issue 8, pp. e104159, (2014) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Validation with Western Blot