

Product datasheet

Recombinant Human ID3 protein **ab114366**

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Overview

Product name Recombinant Human ID3 protein

Protein length Protein fragment

Description

Nature Recombinant

Source Wheat germ

Amino Acid Sequence

Accession [Q02535](#)

Species Human

Sequence MKALSPVRGCYEAVCCLSERSLAIARGRGKGPAAEEPLSLDDMNHCYSR
LRELVPGVPRGTQLSQVEILQRVIDYLDLQVV

Molecular weight 35 kDa including tags

Amino acids 1 to 83

Specifications

Our [Abpromise guarantee](#) covers the use of **ab114366** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications ELISA
SDS-PAGE
Western blot

Form Liquid

Additional notes Protein concentration is above or equal to 0.05 mg/ml. Best use within three months from the date of receipt of this protein.

Preparation and Storage

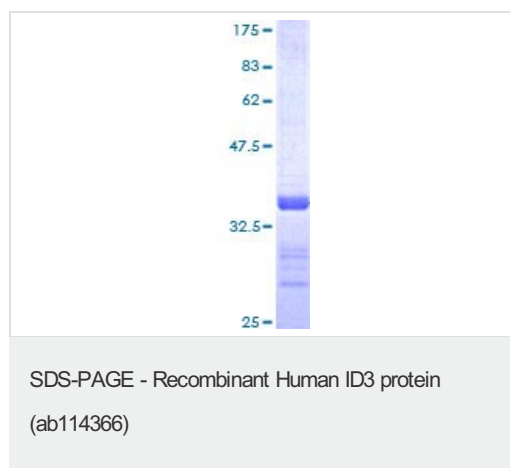
Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. ID-3 inhibits the binding of E2A-containing protein complexes to muscle creatine kinase E-box enhancer. May inhibit other transcription factors.
Tissue specificity	Expressed abundantly in lung, kidney and adrenal gland, but not in adult brain.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Cellular localization	Nucleus.

Images



12.5% SDS-PAGE showing ab114366 at approximately 34.76kDa stained with Coomassie Blue.

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