

Product datasheet

Recombinant Human DDIT3 protein ab117195

Overview

| | |
|-----------------------|---------------------------------|
| Product name | Recombinant Human DDIT3 protein |
| Protein length | Full length protein |

Description

| | |
|---------------|------------------|
| Nature | Recombinant |
| Source | Escherichia coli |

Amino Acid Sequence

| | |
|-------------------------|---|
| Accession | P35638 |
| Species | Human |
| Sequence | MGSSHHHHHHSSGLVPRGSHMAAESLPFSFGTLSSWELEAWYEDLQEVLS SDENGGTYVSPPGNEEEESKIFTTLDPASLAWLTEEEPEPAEVTSTSQSP HSPDSSQSSLAQEEEEEDQGRTRKRKQSGHSPARAGKQRMKEKEQENERK VAQLAEENERLKQEIERLTREVEATTRALIDRMVNLHQA |
| Molecular weight | 21 kDa including tags |
| Amino acids | 1 to 169 |
| Tags | His tag N-Terminus |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab117195** in the following tested applications.

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

| | |
|-------------------------|---|
| Applications | SDS-PAGE HPLC |
| Purity | > 90 % SDS-PAGE. ab117195 is purified by proprietary chromatographic techniques and sterile filtered. Purity greater than 90.0% as determined by analysis by RP-HPLC and analysis by SDS-PAGE. |
| Form | Liquid |
| Additional notes | For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). |

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 20% Glycerol, 0.32% Tris HCl

General Info

Function

Inhibits the DNA-binding activity of C/EBP and LAP by forming heterodimers that cannot bind DNA.

Involvement in disease

Note=A chromosomal aberration involving DDIT3 is found in a patient with malignant myxoid liposarcoma. Translocation t(12;16)(q13;p11) with FUS.

Sequence similarities

Belongs to the bZIP family.
Contains 1 bZIP domain.

Cellular localization

Nucleus.

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