

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 SDENGGTYVSPPGNEEEESKIFTTLDPASLAWLTEEPEPAEVTSTSQSP 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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