abcam

Product datasheet

Recombinant Human DUSP3 protein ab113160

1 Image

Description

Product name Recombinant Human DUSP3 protein

Purity > 95 % SDS-PAGE.

ab113160 was purified by using conventional chromatography techniques.

Expression system Escherichia coli

Accession P51452

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MGSSHHHHHHSSGLVPRGSHMSGSFELSVQDLNDLLS

DGSGCYSLPSQPC

NEVTPRIYVGNASVAQDIPKLQKLGITHVLNAAEGRSFMHN

TNANFYKDS

GITYLGIKANDTQEFNLSAYFERAADFIDQALAQKNGRVLV

HCREGYSRS

PTLVIAYLMMRQKMDVKSALSIVRQNREIGPNDGFLAQLC

QLNDRLAKEG KLKP

Predicted molecular weight 23 kDa including tags

Amino acids 1 to 205

Tags His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113160** 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

Mass Spectrometry

Mass spectrometry MALDI-TOF

Form Liquid

Preparation and Storage

1

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.04% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium

chloride

General Info

Function Shows activity both for tyrosine-protein phosphate and serine-protein phosphate, but displays a

strong preference toward phosphotyrosines. Specifically dephosphorylates and inactivates ERK1

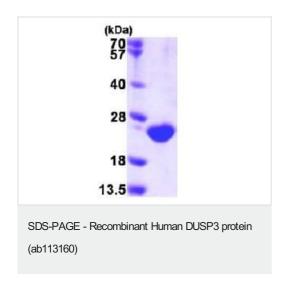
and ERK2.

Sequence similarities Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.

Contains 1 tyrosine-protein phosphatase domain.

Cellular localization Nucleus.

Images



ab113160 at 3 µg analysed by 15% SDS PAGE.

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