

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	<u>P51452</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMSGFELSVQDLNDLLS DGSGCYSLPSQPC NEVTPRIYVGNASVAQDIPKLQKLGITHVLNAAEGRSFMHN TNANFYKDS GITYLGIKANDTQEFNLSAYFERAADFIDQALAQKNGRVLV HCREGYSRS PTLVIAYLMMRQKMDVKSALSIVRQNREIGPNDGFLAQLC QLNDRLAKEG K L K P
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

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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