

Product datasheet

Recombinant Human IEX1/IER3 protein ab156719

1 Image

Description

Product name	Recombinant Human IEX1/IER3 protein	
Purity	> 85 % SDS-PAGE. ab156719 is purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	P46695	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHSSGLVPRGSHMGSMCHRSCHPTMTILQ APTPAPSTIPGP RRGSGPEIFTFDPLPEPAAAPAGRPSASRGHRKRSRRVL YPRVRRQLPV EEPNP	
Predicted molecular weight	11 kDa including tags	
Amino acids	1 to 82	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab156719** 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
Additional notes	This product was previously labelled as IEX1

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: 0.03% DTT, 0.32% Tris HCl, 50% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

General Info

Function

May play a role in the ERK signaling pathway by inhibiting the dephosphorylation of ERK by phosphatase PP2A-PPP2R5C holoenzyme. Acts also as an ERK downstream effector mediating survival. As a member of the NUPR1/RELB/IER3 survival pathway, may provide pancreatic ductal adenocarcinoma with remarkable resistance to cell stress, such as starvation or gemcitabine treatment.

Sequence similarities

Belongs to the IER3 family.

Post-translational modifications

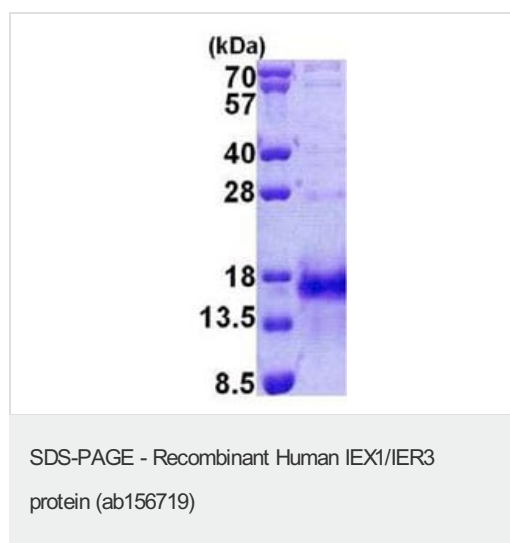
Phosphorylated at Thr-18, Thr-123 and Ser-126 by MAPK1/ERK2 and probably MAPK3/ERK1. Upon phosphorylation by MAPK1/ERK2 and MAPK3/ERK1, acquires the ability to inhibit cell death induced by various stimuli.

Glycosylated.

Cellular localization

Membrane.

Images



15% SDS-PAGE analysis of ab156719 (3µg).

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

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