

## Product datasheet

# Recombinant Human IEX1/IER3 protein ab152930

1 Image

### Overview

<b>Product name</b>	Recombinant Human IEX1/IER3 protein
<b>Protein length</b>	Protein fragment

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	MCHSRSCHPTMTILQAPTPAPSTIPGPRRGSGPEIFTF DPLPEPAAAPAG RPSASRGHRKRSRRVLYPRVRRQLPVEEPNPAKR
<b>Amino acids</b>	1 to 85
<b>Tags</b>	GST tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab152930** in the following tested applications.

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

<b>Applications</b>	Western blot ELISA
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml. This product was previously labelled as IEX1

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

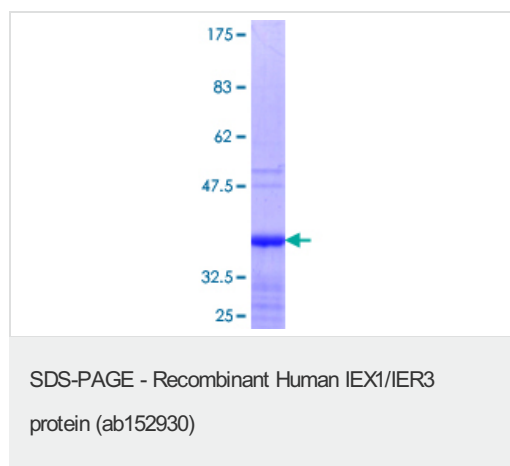
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<b>Function</b>	May play a role in the ERK signaling pathway by inhibiting the dephosphorylation of ERK by phosphatase PP2A-PPP2R5C holoenzyme. Acts also as an ERK downstream effector mediating survival. As a member of the NUPR1/RELB/IER3 survival pathway, may provide pancreatic ductal adenocarcinoma with remarkable resistance to cell stress, such as starvation or gemcitabine treatment.
<b>Sequence similarities</b>	Belongs to the IER3 family.
<b>Post-translational modifications</b>	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.
<b>Cellular localization</b>	Membrane.

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## Images

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ab152930 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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