abcam

Product datasheet

Recombinant Human PANDER protein ab113864

1 Image

Description

Product name Recombinant Human PANDER protein

Purity > 90 % SDS-PAGE.

Expression system < 1.000 Eu/µg
Expression system

Accession P58499

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MKHHHHHHAS ELIPDAPLSS AAYSIRSIGE RPVLKAPVPK

RQKCDHWTPC PSDTYAYRLL SGGGRSKYAK

ICFEDNLLMG EQLGNVARGI NIAIVNYVTG NVTATRCFDM

YEGDNSGPMT KFIQSAAPKS LLFMVTYDDG

STRLNNDAKN AIEALGSKEI RNMKFRSSWV FIAAKGLELP SEIQREKINH SDAKNNRYSG WPAEIQIEGC IPKERS

Predicted molecular weight 24 kDa including tags

Amino acids 30 to 235

Tags His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113864** 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

Western blot

ELISA

Form Lyophilized

Additional notes Previously labelled as FAM3B.

1

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

Constituents: 0.24% Tris, 0.29% Sodium chloride

Reconstitution Add deionized water (200 µl) to prepare a working stock solution of 0.5 mg/mL

General Info

Function Induces apoptosis of alpha and beta cells in a dose- and time-dependent manner. Present in

insulin secretory granules and likely cosecreted with insulin.

Tissue specificity Highly expressed in the pancreas. Also found in the colon, kidney, prostate, small intestine and

testis.

Sequence similarities Belongs to the FAM3 family.

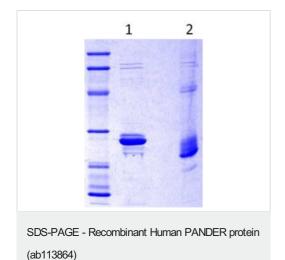
Post-translational modifications

2 N-termini have been observed in the mature protein: the first at Glu-30, resulting from signal

peptide cleavage, the second at Ser-46.

Cellular localization Secreted. Localized in discrete vesicular and perinuclear structure.

Images



12% SDS-PAGE separation of Human PANDER

- 1. reduced and heated sample, 5µg/lane
- 2. non-reduced and non-heated sample, 5µg/lane

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- · Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- · We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

• Guarantee only valid for products bought direct from Abcam or one of our authorized distributors