

Product datasheet

Recombinant Human PANDER protein ab113864

1 Image

Description

Product name	Recombinant Human PANDER protein
Purity	> 90 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>P58499</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MKHHHHHHAS ELIPDAPLSS AAYSIRSIGE RPYLKAPVPK RQKCDHWTPC PSDTYAYRLL SGGGRSKYAK ICFEDNLLMG EQLGNVARGI NIAVNVTG NVTATRCFDM YEGDNSGPMT KFIQSAAPKS LLFMVTYDDG STRLNNDAKN AIEALGSKEI RNMKFRSSWV FIAAKGLELP SEIQREKINH SDAKNNRYSG WPAEQIEGC 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.

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"

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