abcam

Product datasheet

Recombinant Human SEC22B protein (denatured) ab134537

1 Image

Description

Product name	Recombinant Human SEC22B protein (denatured)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	O75396
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMLPLAASMQEDEQS GRDLQQYQSQAKQ LFRKLNEQSPTRCTLEAGAMTFHYIIEQGVCYLVLCEAAFP KKLAFAYLE DLHSEFDEQHGKKVPTVSRPYSFIEFDTFIQKTKKLYIDSR ARRNLGSIN TELQDVQRIMVANIEEVLQRGEALSALDSKANNLSSLSKK YRQDAKYLNM RSTYA
Predicted molecular weight	23 kDa including tags
Amino acids	14 to 194
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab134537** 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
Form	Liquid
Additional notes	This product was previously labelled as SEC22L1

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: 12.01% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function

SNARE involved in targeting and fusion of ER-derived transport vesicles with the Golgi complex as well as Golgi-derived retrograde transport vesicles with the ER.

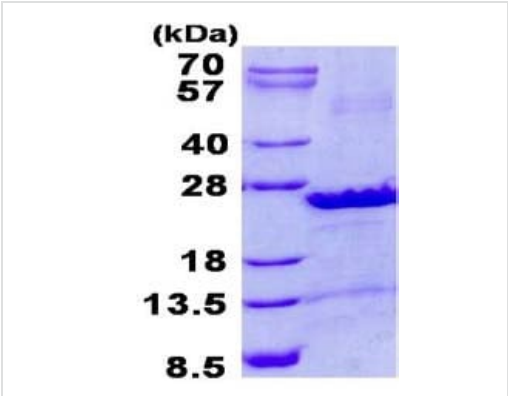
Sequence similarities

Belongs to the synaptobrevin family.
Contains 1 longin domain.
Contains 1 v-SNARE coiled-coil homology domain.

Cellular localization

Endoplasmic reticulum membrane. Endoplasmic reticulum-Golgi intermediate compartment membrane. Golgi apparatus, cis-Golgi network membrane. Golgi apparatus, trans-Golgi network membrane. Melanosome. Concentrated most in the intermediate compartment/cis-Golgi network and the cis-Golgi cisternae 1 and 2. Greatly reduced in concentration at the trans end of the Golgi apparatus. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



SDS-PAGE - Recombinant Human SEC22B protein (denatured) (ab134537)

15% SDS-PAGE analysis of 3 µg ab134537.

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