abcam

Product datasheet

Recombinant Human SNX3 protein ab109970

画像数 1

製品の詳細

製品名	Recombinant Human SNX3 protein
精製度	> 95 % SDS-PAGE. ab109970 was purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	O60493
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMAETVADTRRLITKPQNLNDAYGPPSNFLEIDVSNPQTVGVGRGRFTTYEIRVKTNLPIFKLKESTVRRRYSDFEWLRSELERESKVVVPPLPGKAFLRQLPFRGDDGIFDDNFIEERKQGLEQFINKVA GHPLAQNERCLHMFLQDEIIDKSYTPSKIRHA
予測される分子量	21 kDa including tags
領域	1 to 162
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab109970** in the following tested applications.

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

アプリケーション	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

前処理および保存

保存方法および安定性	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: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.058% Sodium chloride

関連情報

機能
Phosphoinositide-binding protein required for multivesicular body formation. Specifically binds phosphatidylinositol-3-phosphate (PtdIns(P3)). Plays a role in protein transport between cellular compartments. Promotes stability and cell surface expression of epithelial sodium channel (ENAC) subunits SCNN1A and SCNN1G (By similarity). Not involved in EGFR degradation.

関連疾患
A chromosomal aberration involving SNX3 may be a cause of microphthalmia syndromic type 8 (MCOPS8) [MIM:601349]. Translocation t(6;13)(q21;q12). Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues (anophthalmia). In many cases, microphthalmia/anophthalmia occurs in association with syndromes that include non-ocular abnormalities. MCOPS8 is a very rare congenital syndrome characterized by microcephaly, microphthalmia, ectrodactyly of the lower limbs and prognathism. Intellectual deficit has been reported.

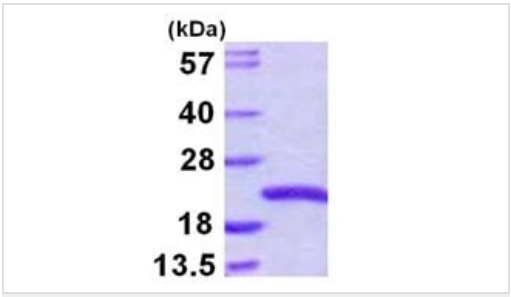
配列類似性
Belongs to the sorting nexin family.
Contains 1 PX (phox homology) domain.

ドメイン
The PX domain mediates specific binding to phosphatidylinositol-3-phosphate (PtdIns(P3)).

翻訳後修飾
Ubiquitinated, leading to its proteasomal degradation. Deubiquitinated by USP10.

細胞内局在
Early endosome.

画像



SDS-PAGE - Recombinant Human SNX3 protein (ab109970)

15% SDS-PAGE analysis of 3 µg ab109970.

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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