abcam

Product datasheet

Recombinant Human SNX3 protein ab109970

1 图像

描述

产品名称	重组人SNX3蛋白
纯度	> 95 % SDS-PAGE. ab109970 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	O60493
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMAETVADTRRLITKPQNLNDAYGPPSNFLEIDVSNPQTVGVGRGRFTTYEIRVKTNLPIFKLKESTVRRRYSDFEWLRSELERESKVVVPPLPGKAFLRQLPFRGDDGIFDDNFIEERKQGLEQFINKVA GHPLAQNERCLHMFLQDEIIDKSYTPSKIRHA
预测分子量	21 kDa including tags
氨基酸	1 to 162
标签	His tag N-Terminus

技术指标

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.

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

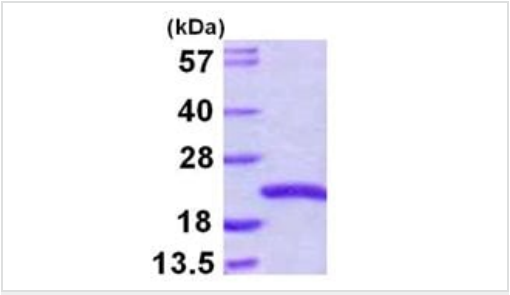
80°C. Avoid freeze / thaw cycle.

pH: 8.00
Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.058% Sodium chloride

常规信息

功能	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.
疾病相关	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.
序列相似性	Belongs to the sorting nexin family. Contains 1 PX (phox homology) domain.
结构域	The PX domain mediates specific binding to phosphatidylinositol-3-phosphate (PtdIns(P3)).
翻译后修饰	Ubiquitinated, leading to its proteasomal degradation. Deubiquitinated by USP10.
细胞定位	Early endosome.

图片



SDS-PAGE - Recombinant Human SNX3 protein (ab109970)

15% SDS-PAGE analysis of 3 µg ab109970.

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.cn/abpromise** or contact our technical team.

Terms and conditions

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