

Product datasheet

Recombinant Human PIST protein ab93743

1 图像

概述

产品名称	重组人PIST蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MIRKVLKKE DHEGLGISIT GGKEHGVPI ISEIHGQPA DRCGGLHVG AILAVNGVNL RDTKHKEAVT ILSQQRGEIE FEVVYVAPEV DSDDENVEYE DESGHRYRLY LDELEGGNP GASCKDTSGE IKVLQGFNKK AVTDTHENG LGTASETPLD DGASKLDDLH TLYHKKSY
氨基酸	278 to 454

技术指标

Our [Abpromise guarantee](#) covers the use of **ab93743** 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
纯度	> 90 % SDS-PAGE. ab93743 was purified using conventional chromatography techniques.
形式	Liquid

制备和贮存

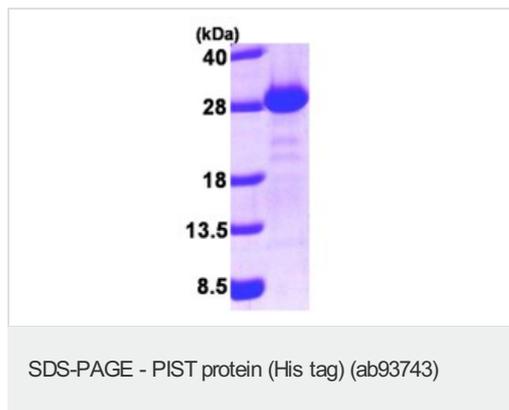
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None
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Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0

常规信息

功能	Plays a role in intracellular protein trafficking and degradation. May regulate CFTR chloride currents and acid-induced ACCN3 currents by modulating cell surface expression of both channels. May also regulate the intracellular trafficking of the ADR1B receptor. May play a role in autophagy. Overexpression results in CFTR intracellular retention and degradation in the lysosomes.
组织特异性	Ubiquitously expressed.
疾病相关	Note=A chromosomal aberration involving GOPC is found in a glioblastoma multiforme sample. An intra-chromosomal deletion del(6)(q21q21) is responsible for the formation of GOPC-ROS1 chimeric protein which has a constitutive receptor tyrosine kinase activity.
序列相似性	Contains 1 PDZ (DHR) domain.
结构域	The PDZ domain mediates interactions with FZD5, FZD8, ACCN3, GRID2, CLCN3 (By similarity). Mediates also interaction with CFTR and ADRB1. The coiled-coil region probably mediates association to membranes, targeting to the Golgi, and interactions with GOLGA3, and STX6. May also mediate interaction with RHOQ.
细胞定位	Cytoplasm. Golgi apparatus membrane. Golgi apparatus > trans-Golgi network membrane. Cell junction > synapse. Cell junction > synapse > postsynaptic cell membrane > postsynaptic density. Cell projection > dendrite. Enriched in synaptosomal and postsynaptic densities (PSD) fractions (By similarity). Expressed in cell bodies and dendrites of Purkinje cells (By similarity). Localized at the trans-Golgi network (TGN) of spermatids and the medulla of round spermatides.

图片



15% SDS-PAGE showing ab93743 (3ug)

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