

Recombinant Human AIP protein ab109934

1 图像

描述

产品名称	重组人AIP蛋白
纯度	> 90 % SDS-PAGE. ab109934 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>O00170</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHSSGLVPRGSHPVWETIVCTMREGEIAQFLC DIKHVVLYPL VAKSLRNIAVGKDPLEGQRHCCGVAQMREHSSLGHADLDALQ QNPQPLIF HMEMLKVESPGTYQQDPWAMTDEEKAKAVPLIHQEGNRLYRE GHVKEAAA KYYDAIACLKNLQMKEQPGSPEWIQLDKQITPLLLNYCQCKL VVEEYEV MADIARLREDGIQKRVIQEGRGELPDFQDGTKATFHRYRTLH SDDEGTVL DDSRARGKPMELIIGKKFKLLDHCSSILNKYDDNVKAYFKRG KAHAAVWN AQEAQADFQVLELDPALAPVVSRELRALEARIRQKDEEDKA RFRGIFSH
预测分子量	40 kDa including tags
氨基酸	1 to 330
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab109934** 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: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

常规信息

功能

May play a positive role in AHR-mediated (aromatic hydrocarbon receptor) signaling, possibly by influencing its receptivity for ligand and/or its nuclear targeting.

Cellular negative regulator of the hepatitis B virus (HBV) X protein.

组织特异性

Widely expressed. Higher levels seen in the heart, placenta and skeletal muscle. Not expressed in the liver.

疾病相关

Defects in AIP are a cause of familial isolated pituitary adenoma (FIPA) [MIM:102200].

Defects in AIP are a cause of growth hormone-secreting pituitary adenoma (GHSPA)

[MIM:102200]; also known as familial isolated somatotropinomas (FIS) or isolated familial somatotropinoma (IFS) or familial somatotrophinoma or acromegaly due to pituitary adenoma.

Defects in AIP are a cause of ACTH-secreting pituitary adenoma (ASPA) [MIM:219090]; also known as pituitary Cushing disease. A pituitary adenoma resulting in excessive production of adrenocorticotrophic hormone. This leads to hypersecretion of cortisol by the adrenal glands and ACTH-dependent Cushing syndrome. Clinical manifestations of Cushing syndrome include facial and trunkal obesity, abdominal striae, muscular weakness, osteoporosis, arterial hypertension, diabetes.

Defects in AIP are a cause of prolactin-secreting pituitary adenoma (PSPA) [MIM:600634]; also known as prolactinoma. Prolactin-secreting pituitary adenoma is the most common type of hormonally active pituitary adenoma.

序列相似性

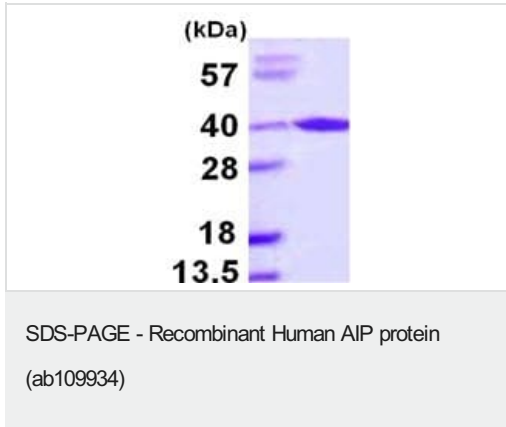
Contains 1 PPlase FKBP-type domain.

Contains 2 TPR repeats.

细胞定位

Cytoplasm.

图片



15% SDS-PAGE showing ab109934 at approximately 39.8 kDa (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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