

Recombinant human ULK3 protein ab101548

5 图像

描述

产品名称	重组人ULK3蛋白
生物活性	The Specific activity of ab101548 was determined to be 230 nmol/min/mg.
纯度	> 95 % SDS-PAGE. The purity was determined to be >95% by densitometry. Affinity purified.
表达系统	Baculovirus infected insect cells
Accession	<u>Q6PHR2</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	51 kDa including tags
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab101548** 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 Functional Studies
形式	Liquid
补充说明	<u>ab91090</u> (Cow Casein full length protein) can be utilized as a substrate for assessing Kinase activity

制备和贮存

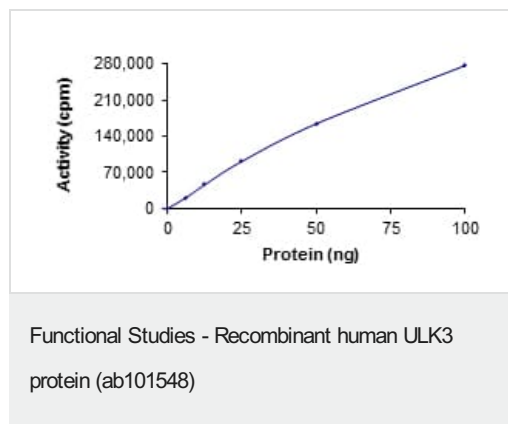
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.00174% PMSF, 0.82% Sodium phosphate, 0.00385% DTT, 25% Glycerol (glycerin, glycerine), 1.74% Sodium chloride
--------	--

This product is an active protein and may elicit a biological response in vivo, handle with caution.

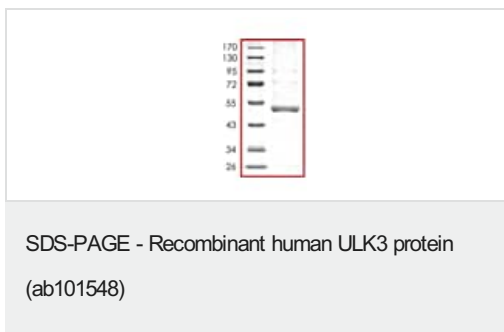
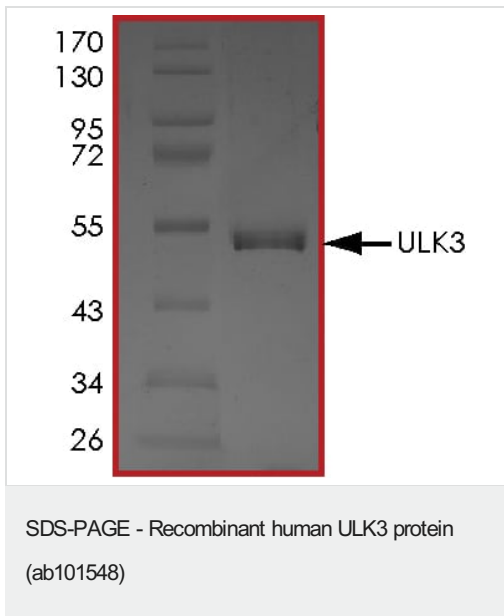
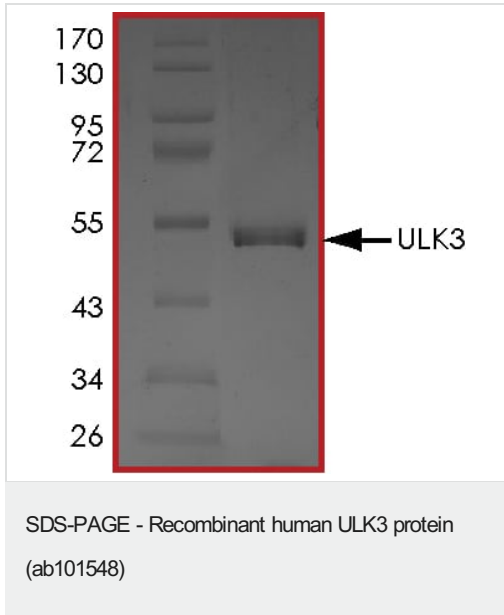
常规信息

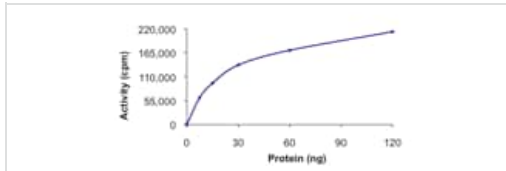
功能	Serine/threonine protein kinase which enhances GLI1 and GLI2 transcriptional activity and consequently positively regulates GLI-dependent SHH signaling. May exert this function by promoting GLI1 nuclear localization. Phosphorylates in vitro GLI2, as well as GLI1 and GLI3, although less efficiently.
组织特异性	Widely expressed. Highest levels observed in fetal brain. In adult tissues, high levels in brain, liver and kidney, moderate levels in testis and adrenal gland and low levels in heart, lung, stomach, thymus, prostate and placenta. In the brain, highest expression in the hippocampus, high levels also detected in the cerebellum, olfactory bulb and optic nerve. In the central nervous system, lowest levels in the spinal cord.
序列相似性	<p>Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.</p> <p>Contains 2 MIT domains.</p> <p>Contains 1 protein kinase domain.</p>
翻译后修饰	Autophosphorylated in vitro.
细胞定位	Cytoplasm.

图片



The specific activity of ULK3 (ab101548) was determined to be 210 nmol/min/mg as per activity assay protocol





Kinase Assay demonstrating specific activity of ab101548.

Functional Studies - Recombinant human ULK3
protein (ab101548)

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

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