

Recombinant human DDR2 protein (ab96401) ab96401

5 图像

描述

产品名称	重组人DDR2蛋白(ab96401)
生物活性	The Specific activity of ab96401 was determined to be 48 nmol/min/mg. The specific activity was determined to be 48 nmol/min/mg.
纯度	> 90 % Densitometry. Affinity purified.
表达系统	Baculovirus infected insect cells
Accession	<u>Q16832</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	70 kDa including tags
氨基酸	467 to 855

技术指标

Our **Abpromise guarantee** covers the use of **ab96401** 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

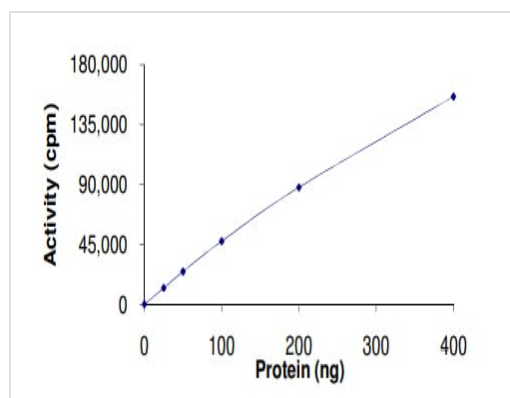
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

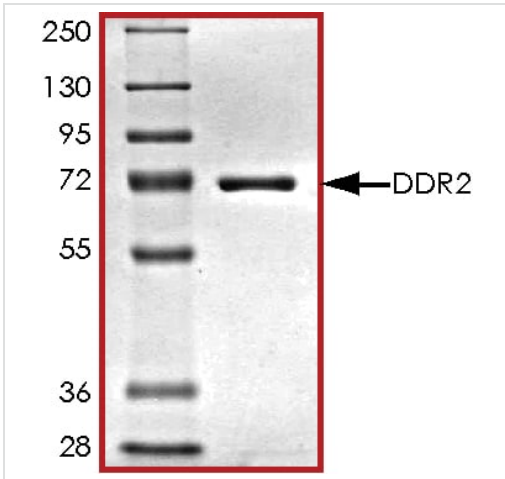
功能	This tyrosine kinase receptor for fibrillar collagen mediates fibroblast migration and proliferation. Contributes to cutaneous wound healing.
组织特异性	The major 10 kDa transcript is expressed in high levels in heart and lung, less in brain, placenta, liver, skeletal muscle, pancreas, and kidney.
疾病相关	Defects in DDR2 are the cause of spondyloepimetaphyseal dysplasia short limb-hand type (SEMD-SL) [MIM:271665]. A bone disease characterized by short-limbed dwarfism, a narrow chest with pectus excavatum, brachydactyly in the hands and feet, a characteristic craniofacial appearance and premature calcifications. The radiological findings are distinctive and comprise short long bones throughout the skeleton with striking epiphyses that are stippled, flattened and fragmented and flared, irregular metaphyses. Platypondyly in the spine with wide intervertebral spaces is observed and some vertebral bodies are pear-shaped with central humps, anterior protrusions and posterior scalloping.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily. Contains 1 F5/8 type C domain. Contains 1 protein kinase domain.
细胞定位	Membrane.

图片



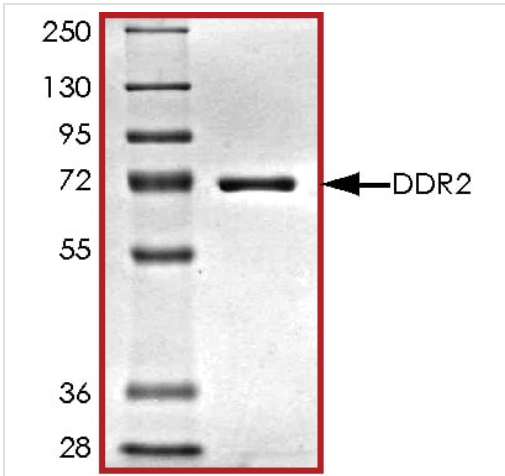
The specific activity of DDR2 (ab96401) was determined to be 41 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human DDR2 protein (ab96401) (ab96401)



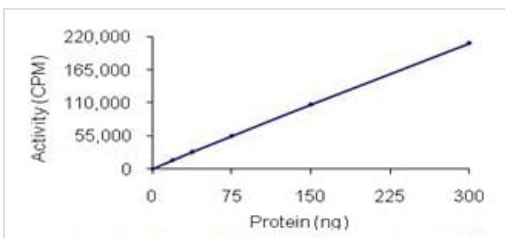
SDS PAGE analysis of ab96401

SDS-PAGE - Recombinant human DDR2 protein (ab96401) (ab96401)



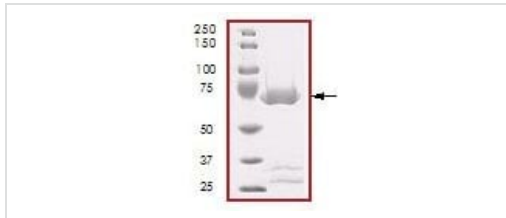
SDS PAGE analysis of ab96401

SDS-PAGE - Recombinant human DDR2 protein (ab96401) (ab96401)



Kinase Assay demonstrating specific activity of ab96401.

Functional Studies - Recombinant human DDR2 protein (ab96401) (ab96401)



SDS-PAGE - Recombinant human DDR2 protein
(ab96401) (ab96401)

SDS-PAGE showing ab96401 at approximately 70kDa.

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