

Recombinant human MERTK protein ab72490

5 图像

描述

产品名称	重组人MERTK蛋白
生物活性	The Specific activity of ab72490 was determined to be 1231 nmol/min/mg.
纯度	> 90 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
氨基酸	578 to 872

技术指标

Our **Abpromise guarantee** covers the use of **ab72490** 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	ab204877 (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase activity

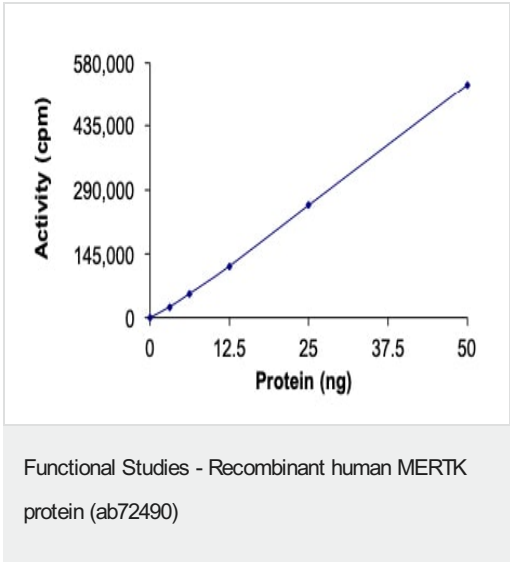
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 0.00174% PMSF, 0.0038% EGTA This product is an active protein and may elicit a biological response in vivo, handle with caution.
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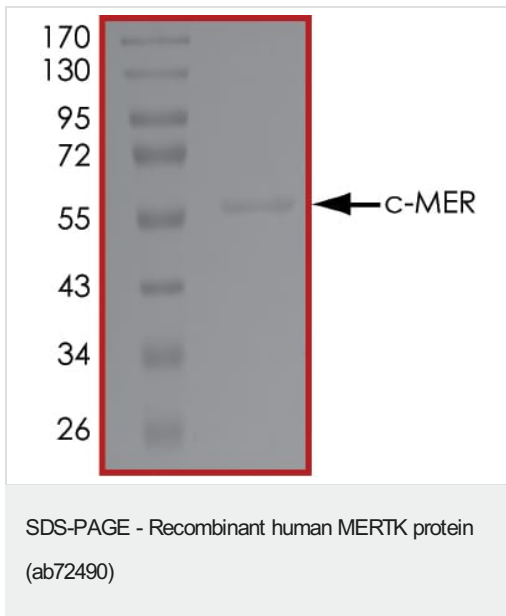
常规信息

功能	In case of filovirus infection, seems to function as a cell entry factor.
组织特异性	Not expressed in normal B- and T-lymphocytes but is expressed in numerous neoplastic B- and T-cell lines.
疾病相关	Defects in MERTK are the cause of retinitis pigmentosa type 38 (RP38) [MIM:613862]. RP38 is a retinal dystrophy belonging to the group of pigmentary retinopathies. Retinitis pigmentosa is characterized by retinal pigment deposits visible on fundus examination and primary loss of rod photoreceptor cells followed by secondary loss of cone photoreceptors. Patients typically have night vision blindness and loss of midperipheral visual field. As their condition progresses, they lose their far peripheral visual field and eventually central vision as well.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO subfamily. Contains 2 fibronectin type-III domains. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
细胞定位	Membrane.

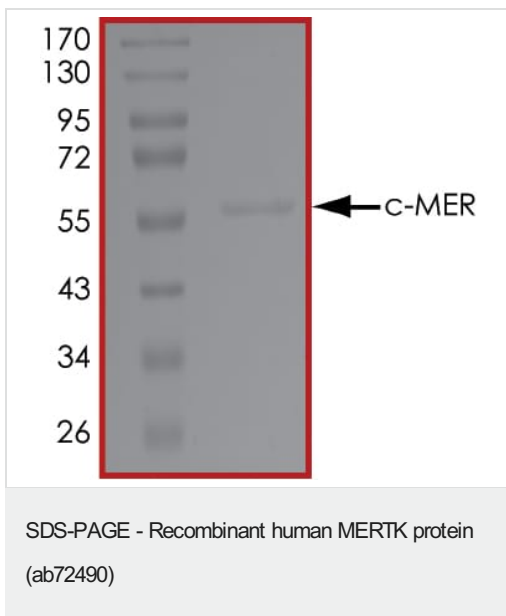
图片



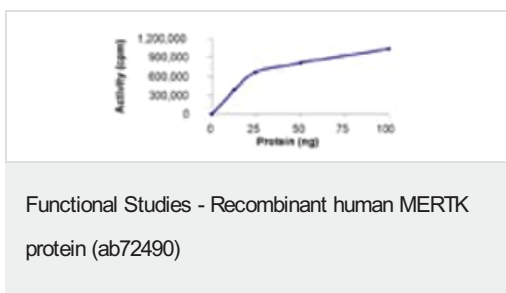
The specific activity of MERTK (ab72490) was determined to be 1046 nmol/min/mg as per activity assay protocol



SDS PAGE analysis of ab72490



SDS PAGE analysis of ab72490



Kinase Assay demonstrating specific activity of ab72490.



SDS-PAGE showing ab72490 at approximately 58kDa.

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

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