

Recombinant human MERTK protein ab72490

画像数 5

製品の詳細

製品名	Recombinant human MERTK protein
生理活性	The Specific activity of ab72490 was determined to be 1231 nmol/min/mg.
精製度	> 90 % Densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
領域	578 to 872

特性

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.

アプリケーション	SDS-PAGE Functional Studies
製品の状態	Liquid
備考	ab204877 (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase activity

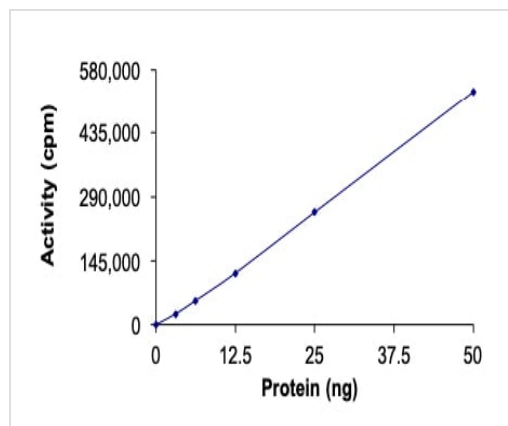
前処理および保存

保存方法および安定性	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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関連情報

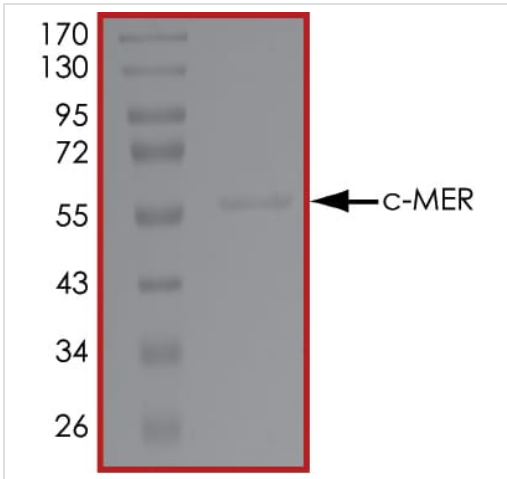
機能	In case of filovirus infection, seems to function as a cell entry factor.
組織特異性	Not expressed in normal B- and T-lymphocytes but is expressed in numerous neoplastic B- and T-cell lines.
関連疾患	Defects in MERTK are the cause of retinitis pigmentosa type 38 (RP38) [MIM:613862]. RP38 is a retinal dystrophy 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.
配列類似性	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.
細胞内局在	Membrane.

画像



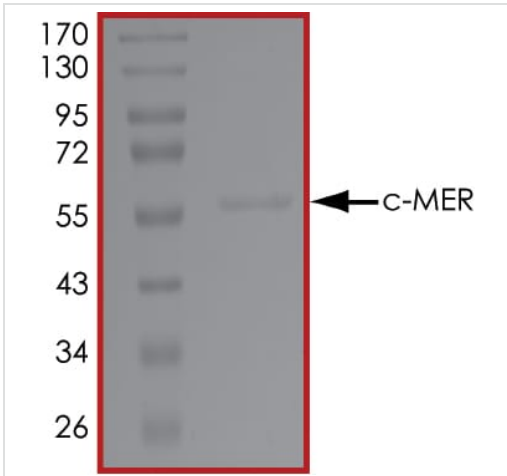
The specific activity of MERTK (ab72490) was determined to be 1046 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human MERTK protein (ab72490)



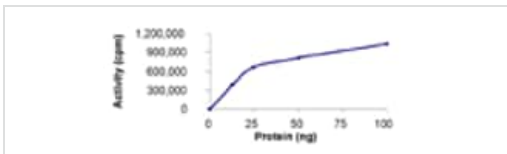
SDS PAGE analysis of ab72490

SDS-PAGE - Recombinant human MERTK protein (ab72490)



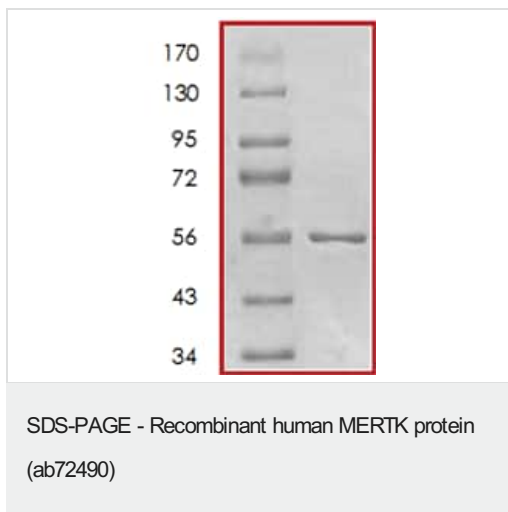
SDS PAGE analysis of ab72490

SDS-PAGE - Recombinant human MERTK protein (ab72490)



Kinase Assay demonstrating specific activity of ab72490.

Functional Studies - Recombinant human MERTK protein (ab72490)



SDS-PAGE showing ab72490 at approximately 58kDa.

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