

Recombinant human DAP Kinase 1 protein ab63191

[1 References](#) [5 Images](#)

Description

Product name	Recombinant human DAP Kinase 1 protein
Biological activity	Specific activity: 49 nmol/min/mg.
Purity	> 80 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	1 to 363

Specifications

Our **Abpromise guarantee** covers the use of **ab63191** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE
Form	Liquid
Additional notes	<u>ab64311</u> (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity

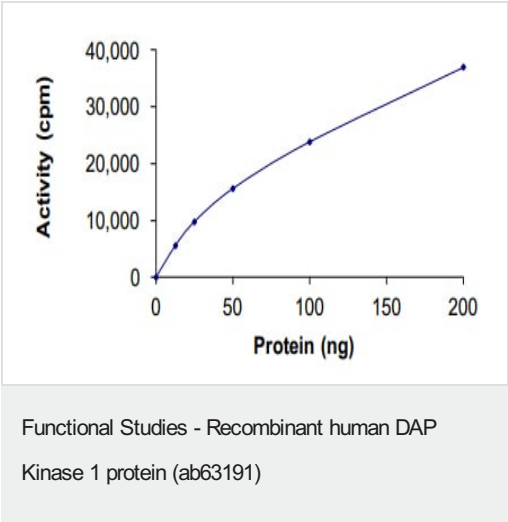
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 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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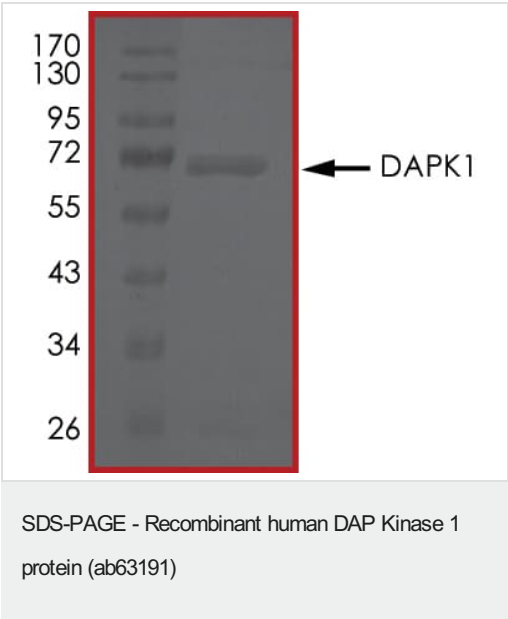
General Info

Function	Calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis.
Sequence similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily. Contains 10 ANK repeats. Contains 1 death domain. Contains 1 protein kinase domain.
Post-translational modifications	Ubiquitinated by the BCR(KLHL20) E3 ubiquitin ligase complex, leading to its degradation by the proteasome.
Cellular localization	Cytoplasm. Colocalizes with the actin filament system.

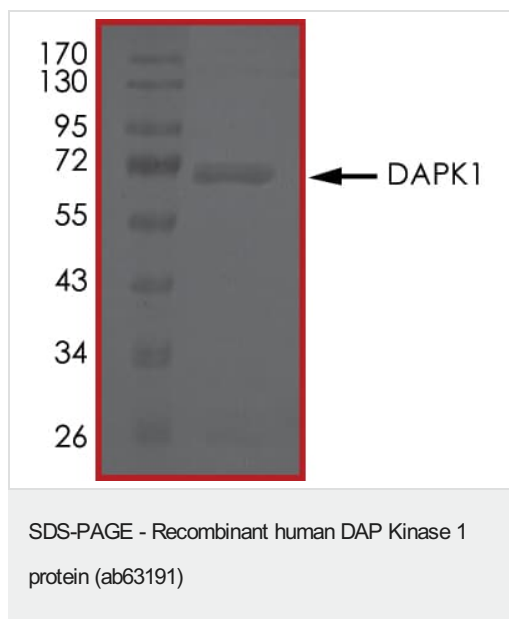
Images



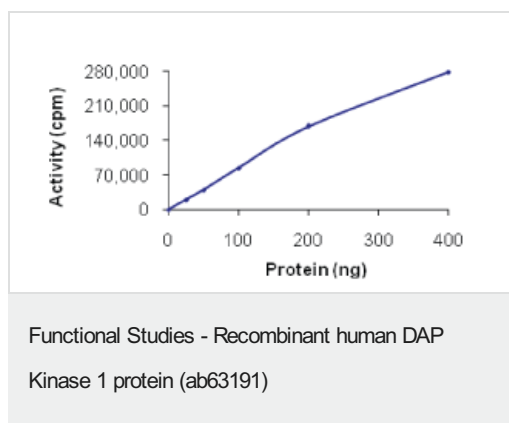
The specific activity of DAP Kinase 1 (ab63191) was determined to be 42 nmol/min/mg as per activity assay protocol



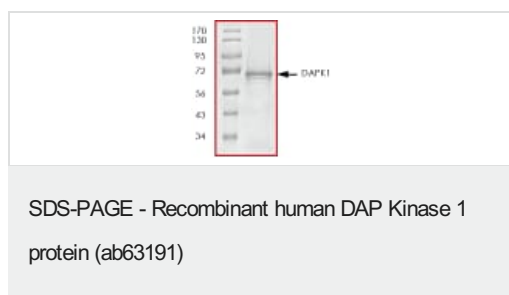
SDS PAGE analysis of ab63191



SDS PAGE analysis of ab63191



Sample Kinase Activity Plot.



ab63191 on SDS-PAGE. Molecular Weight: ~71 kDa.

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