

Product datasheet

Recombinant mouse DRAK2 protein (Active) ab271491

3 Images

Description

Product name	Recombinant mouse DRAK2 protein (Active)	
Biological activity	<p>Specific Activity: 5 pmole/min/μg</p> <p>Assay Conditions: Reaction was performed in 50 mM Tris pH 7.4, 5 mM MgCl₂, 1 mM DTT, 20 μM ATP, 0.2 mg/ml MRCL3 Peptide. Reaction was initiated with the addition of Mouse DRAK2 and was incubated at 30°C for 45 min. The luminescence was read with the Kinase Glo Max reagent.</p>	
Purity	<p>>= 75 % SDS-PAGE.</p> <p>Affinity purified.</p>	
Expression system	Baculovirus infected Sf9 cells	
Accession	Q8BG48	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	<p>SRRRFDCRSV SGLLTTPQT PIKTENFNNF YLTPKELGR GKFAVVRQCI SKSTGQEYAA KSLKKRRRGQ DCRAEILHEI AVLELARSCP HVINLHEVYE NATEIILVLE YAAGGEIFNL CLPELAEMVS ENDVIRLIKQ ILEGVHYLHQ NNIVHLDLKP QNILLSSIYP LGDIKIVDFG MSRKIGNASE LREIMGTPEY LAPEILNYDP ITTATDMWNI GIAYMLLTH TSPFVGEDNQ ETYLNISQVN VDYSEEMFSS VSQLATDFIQ SLLVKNPEKR PTAESCLSHS WLQQWDFGSL FHPEETSGSS QIQDLTLRSS EEKTSKSSCN GSCGAREDKE NIPEDGSLVS KRFRFDDSLP SPHELVPDLF C</p>	
Predicted molecular weight	68 kDa including tags	
Amino acids	2 to 372	
Tags	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271491** in the following tested applications.

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

Applications SDS-PAGE
Functional Studies
Western blot

Form Liquid

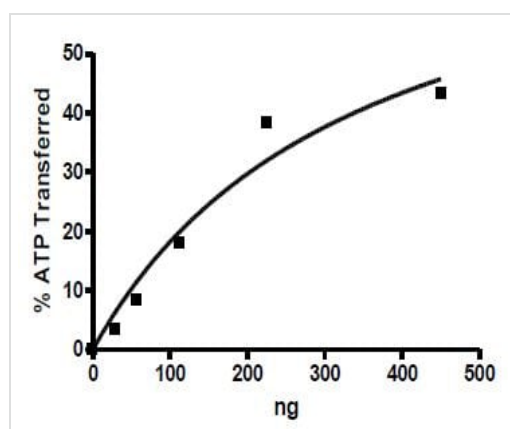
Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -80°C. Do Not Freeze.
pH: 7.50
Constituents: 1.19% HEPES, 0.001% Polyoxyethylene lauryl ether, 0.02% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.13% Magnesium chloride, 1.13% Potassium chloride, 5% Glycerol (glycerin, glycerine), 0.003% EDTA, 0.03% Glutathione
This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

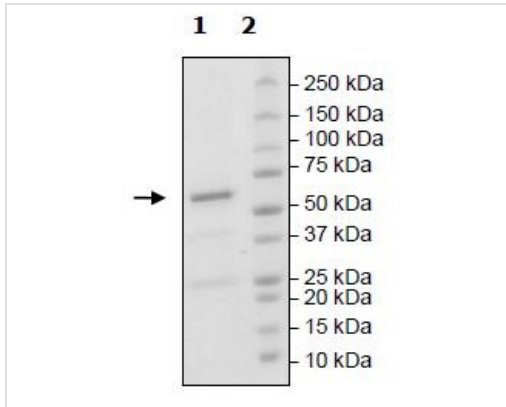
Function Acts as a positive regulator of apoptosis.
Tissue specificity Highly expressed in placenta, lung, pancreas. Lower levels in heart, brain, liver, skeletal muscle and kidney.
Sequence similarities Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily.
Contains 1 protein kinase domain.
Post-translational modifications Autophosphorylated.
Cellular localization Nucleus.

Images



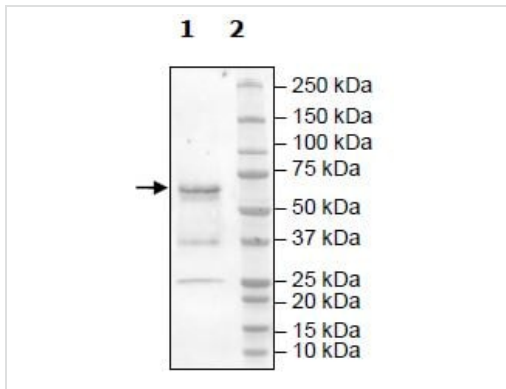
Specific activity of ab271491 was 5 pmole/min/ μ g

Functional Studies - Recombinant mouse DRAK2 protein (Tagged) (ab271491)



SDS-PAGE analysis of ab271491.

SDS-PAGE - Recombinant mouse DRAK2 protein
(Tagged) (ab271491)



All lanes :

Lane 1 : ab271491

Lane 2 : MW markers

Predicted band size: 42 kDa

Western blot - Recombinant mouse DRAK2 protein
(Tagged) (ab271491)

Western blot analysis of ab271491.

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

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