

Product datasheet

Recombinant Human PRAK/MK5 protein ab217826

1 Image

Description

Product name	Recombinant Human PRAK/MK5 protein	
Purity	> 85 % Densitometry.	
Expression system	Baculovirus infected Sf9 cells	
Accession	Q8M41	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MSEESDMDKAIKETSILEEYSINWTQKLGAGISGPVRVCVK KSTQERFAL KILLDRPKARNEVRLHMMCATHPNIVQIIIEVFANSVQFPHE SSPRARLLI VMEMMEGGELFHRISQHRHFTEKQASQVTKQIALALRHCH LLNIAHRDLK PENLLFKDNSLDAPVKLCDFGFAKIDQGDLMTQPFTPYV APQVLEAQR HQKEKSGIIPTSPTPYTYNKSCDLWVSLGVIIWMLCGYPPFY SKHHSRTI PKDMRRKIMTGSFEFPEEEWSQISEMAKDVVRLKLVKP EERLTIEGVLD HPWLNSTEALDNVLPVSAQLMMDKAVVAGIQQAHAQLAN MRIQDLKVSLLK PLHSVNNPILRKRKLLGTPKDSVYIHDHENGAEVSNAL EKLRDVIAQC ILPQAGKGENEDEKLNEMQEAWKYNRECKLLRDTLQSF SWNGRGFTDKV DRLKLAIEVKQVIEEQTTSHESQ</p>	
Predicted molecular weight	79 kDa	
Amino acids	1 to 473	
Tags	GST tag N-Terminus	
Additional sequence information	NM_003668.	

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab217826** in the following tested applications.

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

Applications	Western blot SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as PRAK

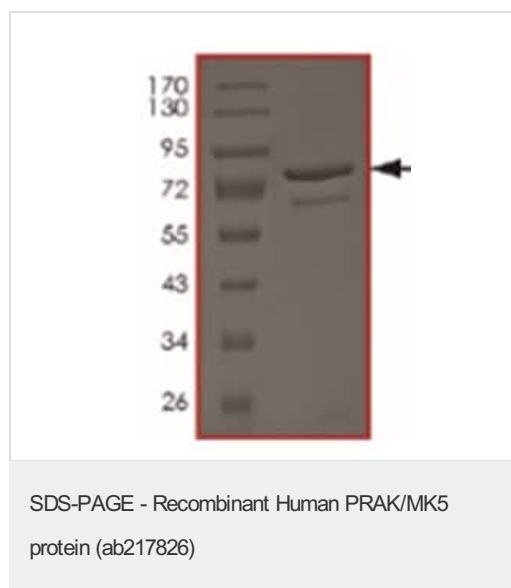
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 0.79% Tris HCl, 0.87% Sodium chloride, 0.31% Glutathione, 0.03% EDTA, 0.04% DTT, 0.002% PMSF, 25% Glycerol (glycerin, glycerine)
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General Info

Function	Mediates stress-induced small heat shock protein 27 phosphorylation.
Tissue specificity	Expressed ubiquitously.
Sequence similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.
Post-translational modifications	Phosphorylated on Thr-182; which is the regulatory phosphorylation site and is located on the T-loop/loop 12.
Cellular localization	Cytoplasm. Nucleus. Also observed in the nucleus.

Images



SDS-PAGE analysis of ab217826.

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

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