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Datasheet for ABIN7504513

**MAPKAP Kinase 5 Protein (AA 1-471) (Strep II tag)**

## Overview

Quantity:	100 µg
Target:	MAPKAP Kinase 5 (MAPKAPK5)
Protein Characteristics:	AA 1-471
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPKAP Kinase 5 protein is labelled with Strep II tag.

## Product Details

Purpose:	Human PRAK Protein
Sequence:	Met1-Gln471
Characteristics:	Recombinant Human PRAK Protein is expressed from Baculovirus-Insect Cells with Strep-II tag at the C-terminus. It contains Met1-Gln471.
Purity:	> 90 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	MAPKAP Kinase 5 (MAPKAPK5)
Alternative Name:	PRAK ( <a href="#">MAPKAPK5 Products</a> )

### Target Details

Background:	The p38 mitogen-activated protein kinase (MAPK) pathway plays an important role in cellular responses to inflammatory stimuli and environmental stress. p38 regulated/activated protein kinase (PRAK, also known as mitogen-activated protein kinase activated protein kinase 5 [MAPKAPK5]) functions downstream of p38alpha and p38beta in mediating the signaling of the p38 pathway.
Molecular Weight:	55.57 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">NP_003659</a>
Pathways:	<a href="#">MAPK Signaling</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in 20 mM Tris, 150 mM NaCl, 2 mM CaCl <sub>2</sub> ( pH 8.0).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months