

## ERK5 protein

CatalogNo: YD0032

### | Key Features

#### Reactivity

- Human

#### Applications

- WB,SDS-PAGE

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

**Storage\*** -20°C/6 month,-80°C for long storage

**Formulation** Liquid in PBS

### | Basic Information

**Source** E.coli

**Purification** E.coli

**Purity** SDS-PAGE >90%

### | Immunogen Information

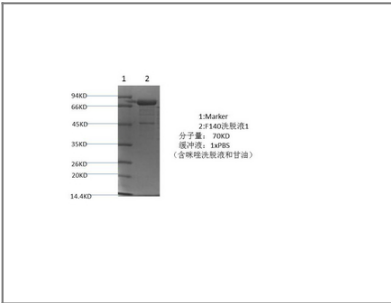
**Sequence** Amino acid: 346-477, with his-MBP tag.

### | Target Information

**Gene name** MAPK7,ERK5

<b>Protein Name</b>	ERK5 protein		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5598;</a>	<a href="#">Q13164;</a>
	Mouse		<a href="#">Q9WVS8;</a>
<b>Cellular Localization</b>	Cytoplasm. Nucleus. Nucleus, PML body. Translocates to the nucleus upon activation.		
<b>Tissue specificity</b>	Expressed in many adult tissues. Abundant in heart, placenta, lung, kidney and skeletal muscle. Not detectable in liver.		
<b>Function</b>	MAPKKK cascade, protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process,apoptosis, cell cycle, intracellular signaling cascade, protein kinase cascade, cell death, programmed cell death, death,phosphorylation, regulation of angiogenesis, protein amino acid autophosphorylation,		

| Validation Data



| Contact information

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**ERK5 protein**