

PI 3 Kinase p85a protein

CatalogNo: YD0081

| Key Features

Reactivity

- Human

| Storage

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

Formulation Liquid in PBS

| Recommended Dilution Ratios

| Basic Information

Source E.coli

Purification E.coli

Purity SDS-PAGE >90%

| Immunogen Information

Sequence Amino acid: 296-397, with his-MBP tag.

| Target Information

Gene name PIK3R1

Protein Name

PI3K p85a protein

Organism**Gene ID****UniProt ID**

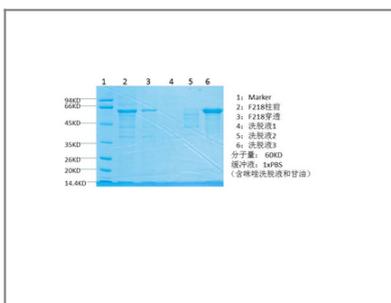
Organism	Gene ID	UniProt ID
Human	5295;	P27986;
Mouse	18708;	P26450;

Tissue specificity

Isoform 2 is expressed in skeletal muscle and brain, and at lower levels in kidney and cardiac muscle. Isoform 2 and isoform 4 are present in skeletal muscle (at protein level).

Function

cell activation, regulation of cell-matrix adhesion, negative regulation of cell-matrix adhesion, immune system development, leukocyte differentiation, phospholipid metabolic process, glycerophospholipid metabolic process, phosphorus metabolic process, phosphate metabolic process, negative regulation of cell adhesion, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, insulin receptor signaling pathway, response to endogenous stimulus, response to hormone stimulus, response to organic substance, regulation of cell-substrate adhesion, negative regulation of cell-substrate adhesion, regulation of glucose transport, positive regulation of glucose transport, phosphoinositide 3-kinase cascade, phosphorylation, organophosphate metabolic process, hemopoiesis, lymphocyte differentiation, regulation of cell adhesion, B cell differentiation, lipid modification, regulation of cell migration, positive regulation of cell migration, phosphoinositide metabolic process, response to insulin stimulus, cellular response to insulin stimulus, cellular response to hormone stimulus, regulation of protein localization, regulation of locomotion, positive regulation of locomotion, B cell activation, response to peptide hormone stimulus, leukocyte activation, regulation of glucose import, positive regulation of glucose import, glycerolipid metabolic process, lymphocyte activation, lipid phosphorylation, phosphoinositide phosphorylation, insulin-like growth factor receptor signaling pathway, hemopoietic or lymphoid organ development, positive regulation of transport, positive regulation of cellular component organization, regulation of cell motion, positive regulation of cell motion, growth hormone receptor signaling pathway, response to growth hormone stimulus, regulation of establishment of protein localization, regulation of establishment of protein localization to plasma membrane, positive regulation of establishment of protein localization to plasma membrane,

Validation Data**Contact information**

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