

Recombinant Human PRKAB2, GST-tagged

Cat. No. PRKAB2-1946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKAB2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-272aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PRKAB2 protein kinase, AMP-activated, beta 2 non-catalytic subunit [Homo sapiens]
Official Symbol	PRKAB2
Synonyms	PRKAB2; protein kinase, AMP-activated, beta 2 non-catalytic subunit; 5-AMP-activated protein kinase subunit beta-2; AMPK beta 2; AMPK beta-2 chain; AMPK subunit beta-2; 5-AMP-activated protein kinase, beta-2 subunit; MGC61468;

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Gene ID	5565
mRNA Refseq	NM_005399
Protein Refseq	NP_005390
MIM	602741
UniProt ID	O43741
Chromosome Location	1q21.2
Pathway	AMPK inhibits chREBP transcriptional activation activity, organism-specific biosystem; AMPK signaling, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Energy Metabolism, organism-specific biosystem; Energy dependent regulation of mTOR by LKB1-AMPK, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem;
Function	contributes_to AMP-activated protein kinase activity; AMP-activated protein kinase activity; identical protein binding; protein binding; protein kinase binding;