

Recombinant Human PAPSS1, GST-tagged

Cat. No. PAPSS1-1523H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAPSS1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-624aa
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	PAPSS1 3-phosphoadenosine 5-phosphosulfate synthase 1 [Homo sapiens]
Official Symbol	PAPSS1
Synonyms	PAPSS1; 3-phosphoadenosine 5-phosphosulfate synthase 1; bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 1; ATPSK1; PAPSS; SK 1; PAPSS 1; PAPS synthase 1; sulfurylase kinase 1; 3-prime-phosphoadenosine 5-prime-phosphosulfate synthase 1; SK1;

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Gene ID	9061
mRNA Refseq	NM_005443
Protein Refseq	NP_005434
MIM	603262
UniProt ID	O43252
Chromosome Location	4q24
Pathway	Biological oxidations, organism-specific biosystem; Cytosolic sulfonation of small molecules, organism-specific biosystem; Formation of PAPS, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Phase II conjugation, organism-specific biosystem; Purine metabolism, organism-specific biosystem;
Function	ATP binding; adenylylsulfate kinase activity; nucleotide binding; nucleotidyltransferase activity; sulfate adenylyltransferase (ATP) activity;