

Recombinant Human PAPSS1

Catalog No: #GP11138



Package Size: #GP11138-1 100ug

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Description

Product Name	Recombinant Human PAPSS1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human 3'-phosphoadenosine 5'-phosphosulfate synthase 1
Target Name	3'-phosphoadenosine 5'-phosphosulfate synthase 1
Other Names	SK1; PAPSS; ATPSK1
Accession No.	Swissprot:O43252Gene Accession:BC050627
Uniprot	O43252
GenID	9061;
Storage	-20~-80°C, pH 7.6 PBS

Background

Three-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS) is the sulfate donor cosubstrate for all sulfotransferase (SULT) enzymes (Xu et al., 2000 [PubMed 10679223]). SULTs catalyze the sulfate conjugation of many endogenous and exogenous compounds, including drugs and other xenobiotics. In humans, PAPS is synthesized from adenosine 5-prime triphosphate (ATP) and inorganic sulfate by 2 isoforms, PAPSS1 and PAPSS2.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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