

3'-Phosphoadenosine 5'-Phosphosulfate Synthase 1 Recombinant Protein | PAPSS1 recombinant protein

Recombinant Human 3'-Phosphoadenosine 5'-Phosphosulfate Synthase 1

CATALOG # AAA38968	HOST E Coli
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PRODUCT SYNONYMS

3'-Phosphoadenosine 5'-Phosphosulfate Synthase 1; Recombinant Human 3'-Phosphoadenosine 5'-Phosphosulfate Synthase 1; PAPSS1 Human; 3'-Phosphoadenosine 5'-Phosphosulfate Synthase 1 Human Recombinant; PAPSS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	The PAPSS1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 20% glycerol. Sterile Filtered colorless solution.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGSHM u>RATNVTYQ AHHSVSRNKRQ QVVGTRGGFR GCTVWLTGLS</u> <u>GAGKTTVSMA LEEYLVCHGI PCYTLDGDNI RQGLNKNLGF SPEDREENVR RIAEVAKLFA DAGLVCITSF</u> <u>ISPYQDRNN ARQIHEGASL PFFEVDVAP LHVCEQRDVK GLYKKARAGE IKGFTGIDSE YEKPEAPELV</u> <u>LKTDSCDVND CVQQVVELLQ ERDIVPDAS YEVKELYVPE NKLHLAKTDA ETLPAKINK VDMQWVQVLA</u> <u>EGWATPLNGF MREREYLQCL HFDCLLDGGV INLSVPIVLT ATHEDKERLD GCTAFALMYE GRRVAILRNP</u> <u>EFFEHRKEER CARQWGTTCCK NHPYIKMVME QGDWLIGGDL QVLDRVYWND GLDQYRLTPT ELKQKFKDMN</u> <u>ADAVFAFQLR NPVHNGHALL MQDTHKQLLE RGYRRPVLLL HPLGGWTKDD DVPLMWRMKQ HAAVLEEGVL</u> <u>NPETTVVAIF PSPMMYAGPT EVQWHCRARM VAGANFYIVG RDPAGMPHPE TGKDLYEP SH GAKVLTMAPG</u> <u>LITLEIVPFR VAAYNKKKKR MDYYDSEHHE DFEFISGTRM RKLAREGQKP PEGFMAPKAW TVLTEYYKSL EKA.</u>
Sequence Length	624
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PAPSS1 recombinant protein	Description: PAPSS1 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 626 amino acids (24-624) and having a molecular mass of 70.9kDa. PAPSS1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for PAPSS1 recombinant protein	Enzymes ; Synthase

NCBI AND UNIPROT INFORMATION

NCBI GI #	46094058
NCBI GeneID	9061
NCBI Accession #	NP_005434.4
NCBI GenBank Nucleotide #	NM_005443.4
UniProt Accession #	O43252 ; O43841 ; O75332 ; Q96FB1 ; Q96TF4 ; Q9P1P9 ; Q9UE98

NCBI Official Full Name	bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1
NCBI Official Synonym Full Names	3'-phosphoadenosine 5'-phosphosulfate synthase 1
NCBI Official Symbol	PAPSS1
NCBI Official Synonym Symbols	SK1; PAPSS; ATPSK1
NCBI Protein Information	bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1; 3-prime-phosphoadenosine 5-prime-phosphosulfate synthase 1; PAPS synthase 1; PAPSS 1; SK 1; sulfurylase kinase 1
UniProt Protein Name	Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1
UniProt Gene Name	PAPSS1
UniProt Synonym Gene Names	ATPSK1; PAPSS; PAPS synthase 1; PAPSS 1; SK 1; SK1; SAT
UniProt Entry Name	PAPS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/papss1-recombinant-protein-e-coli/38968>