

RPPB2070

Product Information Protein Information

Product SKU:

RPPB2070

Accession:

O43252

Host:

E.coli.

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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

3'-phosphoadenosine 5'-phosphosulfate synthase 1, ATPSK1, PAPSS 1, SK 1, 3-prime-phosphoadenosine 5-prime-phosphosulfate synthase 1, bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1, PAPS synthase 1, Sulfurylase kinase 1, EC 2.7.1.25.

Formulation:

The PAPSS1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 20% glycerol.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHMRATNV TYQAAHVS RN KRGQVVGTRG GFRGCTVWLT
GLSGAGKTTV SMALEEYLVC HGIPCYTLDG DNIRQGLNKN LGFSPEDREE NVRRIA EVAK LFADAGLVCI
TSFISPYTQD RNNARQIHEG ASLPFFEVFV DAPLHVCEQR DVKGLYKKAR AGEIKGFTGI DSEYEKPEAP
ELVLKTDSCD VNDCVQQVVE LLQERDIVPV DASYEVKELY VPENKLHLAK TDAETLPALK INKVD MQWVQ
VLAEGWATPL NGFMREREYL QCLHFDCLLD GGVINLSVPI VLTATHEDKE RLDGCTAFAL MYEGRRVAIL
RNPEFFEHRK EERCARQWGT TCKNHPIYIKM VMEQGDWLG GDLQVLD R VY WNDGLDQYRL TPTELKQKFK
DMNADAVFAF QLRNPVHNGH ALLMQDTHKQ LLERGYRRPV LLLHPLGGWT KDDDVPLMWR
MKQHA AVLEE GVLNPETTVV AIFPSPMMYA GPTEVQWHCR ARMVAGANFY IVGRDPAGMP HPETGKDLYE
PSHGAKVLT M APGLITLEIV PFRVAAYNKK KKRMDYYDSE HHEDFEFISG TRMRKLAREG QKPPEGFMAP
KAWTVLTEYY KSLEKA.