

Recombinant Human PAPSS1 Protein

Catalog #	Source	Reactivity	Applications
CRP2054	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human PAPSS1 Protein is produced by our mammalian expression system and the target gene encoding Met1-Ala624 is expressed with a 6His tag at the C-terminus.
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris, 100mM NaCl, 20% glycerol, pH8.0.
Gene Symbol	PAPSS1
Alternative Names	ATPSK1; PAPSS; Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1; PAPS synthase 1; PAPSS 1; Sulfurylase kinase 1; SK 1; SK1
Entrez Gene	9061 (Human)
SwissProt	O43252 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	MEIPGSLCKK VKLSNNAQNW GMQRATNVTY QAHHVSRNKR GQVVGTRGGF RGCTVWLTGL SGAGKTTVSM ALEEYLVCHG IPCYTLGDGN IRQGLNKNLG FSPEDREENV RRIA EVAKLF ADAGLVCITS FISPYTQDRN NARQIHEGAS LPFFEVFVDA PLHVCEQRDV KGLYKKARAG EIKGFTGIDS EYEKPEAPEL VLKTDSCDVN DCVQQVVELL QERDIVPVDA SYEVKELYVP ENKLHLAKTD AETLPALKIN KVDMQWVQVL AEGWATPLNG FMREREYLQC LHFDCLLDGG VINLSVPIVL TATHEDKERL DGCTAFALMY EGRRVAILRN PEFFEHRKEE RCARQWGTTK KNHPYIKMVM EQGDWLIGGD LQVLDRVYWN DGLDQYRLTP TELKQKFKDM NADAVFAFQL RNPVHNGHAL LMQDTHKQLL ERGYRRPVLL LHPLGGWTKD DDVPLMWRMK QHA AVLEEGV LNPETTVAI FPSPMMYAGP TEVQWHCRAR MVAGANFYIV GRDPAGMPHP ETGKDLYEPS HGAKVLTMAP GLITLEIVPF RVAAYNKKKK RMDYYDSEHH EDFEFISGTR MRKLAREGQK PPEGFMAPKA WTVLTEYYKS

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

LEKAVDHHHH HH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year.

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