

Recombinant Human PAPSS2 protein, GST-tagged

Cat. No. PAPSS2-6743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAPSS2 protein(1-333 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-333 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
AA Sequence	MSGIKKQKTENQQKSTNVVYQAAHHVSRNKRQVVGTRGGFRGCTVWLTGLSGAG KTTISFALEEYLVSHAIPCYSLDGDNVRHGLNRNLGFSPGDREENIRRIA EVAKLFAD AGLVCITSFISPFADRENARKIHESAGLPFFEIFVDAPLNICESRDVKGLYKRARAGE IKGFTGIDSDYEKPETPERVLKTNLSTVSDCVHQVVELLQEQNIVPYTIKDIHELFPVE NKLDHVRAEAETLPSLSITKLDLQWVQVLSEGWATPLKGFMRKEYLQVMHFDTL DDGVINMSIPIVLPVSAEDKTRLEGCSKFVLAHGGRVAILRDAEF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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GENE INFORMATION

Official Symbol	PAPSS2
Synonyms	PAPSS2; 3-phosphoadenosine 5-phosphosulfate synthase 2; bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 2; ATPSK2; SK 2; PAPSS 2; PAPS synthase 2; PAPS synthetase 2; ATP sulfurylase/APS kinase 2; ATP sulfurylase/adenosine 5-phosphosulfate kinase; 3-prime-phosphoadenosine 5-prime-phosphosulfate synthase 2; bifunctional 3-phosphoadenosine 5-phosphosulfate synthetase 2; SK2;
Gene ID	9060
mRNA Refseq	NM_001015880
Protein Refseq	NP_001015880
MIM	603005
UniProt ID	O95340

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SDS-PAGE

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