

Recombinant Human PAPSS1 Protein, MYC/DDK-tagged

Cat. No. PAPSS1-431H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PAPSS1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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 (MIM 603005).[supplied by OMIM, Mar 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	70.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	3'-phosphoadenosine 5'-phosphosulfate synthase 1 [Homo sapiens]
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Official Symbol	PAPSS1
Synonyms	ATPSK1; PAPSS; SK1
Gene ID	9061
mRNA Refseq	NM_005443.4
Protein Refseq	NP_005434.4
MIM	603262
UniProt ID	O43252

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