

## Sulfotransferase 1A1

Catalog No: #AP79028

Package Size: #AP79028-1 50ug #AP79028-2 100ug #AP79028-3 1mg

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## Description

Product Name	Sulfotransferase 1A1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	48-259AA
Other Names	OK/SW-cl.88,STP,STP1,Aryl sulfotransferase 1,HAST1/HAST2,Phenol sulfotransferase 1,Phenol-sulfating phenol sulfotransferase 1,ST1A3,Thermostable phenol sulfotransferase,P-PST 1,Ts-PST
Accession No.	P50225Gene name:SULT1A1
Uniprot	P50225
GeneID	6817;
Calculated MW	23.32
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. Has also estrogen sulfotransferase activity. responsible for the sulfonation and activation of minoxidil. Is Mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk.

## References

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Note: This product is for in vitro research use only