

Phenol Sulfotransferase (PST) Recombinant Protein | PST recombinant protein

Recombinant Phenol Sulfotransferase (PST)

CATALOG # AAA134444	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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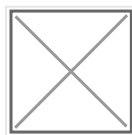
PRODUCT SYNONYMS

Phenol Sulfotransferase (PST); Recombinant Phenol Sulfotransferase (PST); PST recombinant protein

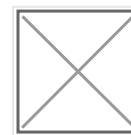
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-FS RPPLVHVKG I PLIKYFAETI GPLQNFTAWP DDLLISTYPK SGTWWMSEIL DMIYQGGKLE KCGRAPIYAR VPFLEFKCPG VPSGLETLEE TPAPRLKTH LPLSLLPQSL LDQKVKVIYI ARNAKDVVVS YYNFYNMAKL HPDPGTWDSF LENFMDGEVS YGSWYQHVKE WWELRHHPV LYLFYEDIKE NPKREIKKIL EFLGRSLPEE TVDSIVHHTS FKKMKENCMT NYTTIPTIEM DHNVSPFMRK GTTGDWKNTF TVAQNERFDA HYAKTMTDCD FKFRCEL
Sequence Length	291
Applicable Applications for PST recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Phe3-Leu291 (Accession # P17988) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	13929194
NCBI GeneID	83783
NCBI Accession #	NP_114022.1
NCBI GenBank Nucleotide #	NM_031834.1
UniProt Accession #	P17988; Q548D2
Molecular Weight	35.2kDa
NCBI Official Full Name	sulfotransferase 1A1
NCBI Official Synonym Full Names	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1
NCBI Official Symbol	Sult1a1
NCBI Official Synonym Symbols	Stm; Stp1; ASTIV; Mx-ST; PST-1; St1a1; Sult1a3
NCBI Protein Information	sulfotransferase 1A1; sulfokinase; aryl sulfotransferase IV; minoxidil sulfotransferase; Phenol sulfotransferase 1a1; tyrosine-ester sulfotransferase; sulfotransferase family 1A, phenol-preferring, member 1; sulfotransferase family, cytosolic, 1A, phenol preferring; Aryl sulfotransferase cytosolic 1A phenol-preferring member 3; sulphotransferase family cytosolic 1A phenol-prefering member 1; Aryl sulfotransferase cytosolic, 1A, phenol-preferring, member 3
UniProt Protein Name	Sulfotransferase 1A1
UniProt Gene Name	Sult1a1
UniProt Synonym Gene Names	St1a1; ST1A1; ASTIV; Mx-ST
UniProt Entry Name	ST1A1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sult1a1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134444>