

## Product datasheet

# Recombinant Human SULT1A1/STP protein ab172852

### Description

<b>Product name</b>	Recombinant Human SULT1A1/STP protein	
<b>Purity</b>	> 95 % SDS-PAGE. Purity greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. ab172852 is 0.2 µM filtered.	
<b>Endotoxin level</b>	1.000 Eu/µg	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P50225</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<p>MNHKVHHHHHHMELIQDTSRPPLEYVKGVPLIKYFAEALG            PLQSFQARPD            DLLISTYPKSGTTWWSQILDMIYQGGDLEKCHRAPIFMRVP            FLEFKAPGI            PSGMETLKDTPAPRLLKTHLPLALLPQTLDDQKVKVVYVA            RNAKDVAVSY            YHFYHMAKVHPEPGTWDSFLEKFMVGEVSYGSWYQHVVQ            EWWELSRTHPVL            YLFYEDMKENPKREIQKILEFVGHSLPEETVDFVQHTSFK            EMKKNPMTN            YTTVPQEFMDHSISPFMRKGMAGDWKTTFTVAQNERFDA            DYAEKMAGCSL SFRSEL</p>	
<b>Predicted molecular weight</b>	36 kDa including tags	
<b>Amino acids</b>	1 to 295	
<b>Tags</b>	His tag N-Terminus	

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab172852** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	HPLC
	SDS-PAGE

<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as SULT1A1

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## Preparation and Storage

<b>Stability and Storage</b>	Shipped on Dry Ice. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8 Constituents: 0.88% Sodium chloride, 99% Phosphate Buffer
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## General Info

<b>Function</b>	Catalyzes the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. Is also responsible for the sulfation and activation of minoxidil. Mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk.
<b>Tissue specificity</b>	Liver, lung, adrenal, brain, platelets and skin.
<b>Sequence similarities</b>	Belongs to the sulfotransferase 1 family.
<b>Cellular localization</b>	Cytoplasm.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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