

Recombinant Human SULT1A1/STP protein ab172852

Description

Product name	Recombinant Human SULT1A1/STP protein
Purity	> 95 % SDS-PAGE. Purity greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. ab172852 is 0.2 µM filtered.
Endotoxin level	= 1.000 Eu/µg
Expression system	Escherichia coli
Accession	<u>P50225</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MNHKVHHHHHMHMELIQDTSRPPLEYVKGVP LIKYFAEALG PLQSFQARPD DLLISTYPKSGTTWVSQILDMYQGGDLEKCHRAPIFMRVP FLEFKAPGI PSGMETLKDTPAPRLLKTHLPLALLPQTLLDQKVKV VYVA RNAKDVA VSY YHFYHMAKVHPEPGTWDSFLEKFMVGEVSYGSWYQH VQ EWWELSRTHPVL YLFYEDMKENPKREIQKILEFVGHSLPEETVDFV VQHTSFK EMKKNPMTN YTTVPQEFMDHSISPFMRKGMAGDWKTTFTVAQNERFDA DYAEKMAGCSL SFRSEL
Predicted molecular weight	36 kDa including tags
Amino acids	1 to 295
Tags	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.

Applications	HPLC
	SDS-PAGE

Form	Liquid
Additional notes	This product was previously labelled as SULT1A1

Preparation and Storage

Stability and Storage	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

Function	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.
Tissue specificity	Liver, lung, adrenal, brain, platelets and skin.
Sequence similarities	Belongs to the sulfotransferase 1 family.
Cellular localization	Cytoplasm.

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

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

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