

Product datasheet

Recombinant Human SULT1C4 protein ab156984

1 Image

Description

Product name	Recombinant Human SULT1C4 protein
Purity	> 95 % SDS-PAGE. ab156984 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	O75897
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MGSSHHHHHH SSGLVPRGSH MALHDMEDFT FDGKRLSVN YVKGILQPTD TCDWDKWN FQAKPDDLLI STYPKAGTTW TQEMELIQN EGDVEKSKRA PTHQRFPFLE MKIPSLGSGE EQAHAMPSPR ILKTHLPFHL LPPSLLEKNC KIIVARNPK DNMVSYHFQ RMNKALPAPG TWEEYFETFL AGKVCWGSWH EHVKGWWEAK DKHRILYLFY EDMKKNPKHE IQKLAFIGK KLDDKVLDKI VHYTSFDVMK QNPMANYSSI PAEIMDHSIS PFMKRGAVGD WKKHFTVAQN ERFDEDYKKK MTDTRLTFHF QF </pre>
Predicted molecular weight	38 kDa including tags
Amino acids	1 to 302
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab156984** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. May be involved in the activation of carcinogenic hydroxylamines. Shows activity towards p-nitrophenol and N-hydroxy-2-acetylamino-fluorene (N-OH-2AAF).

Tissue specificity

Expressed at high levels in fetal lung and kidney and at low levels in fetal heart, adult kidney, ovary and spinal chord.

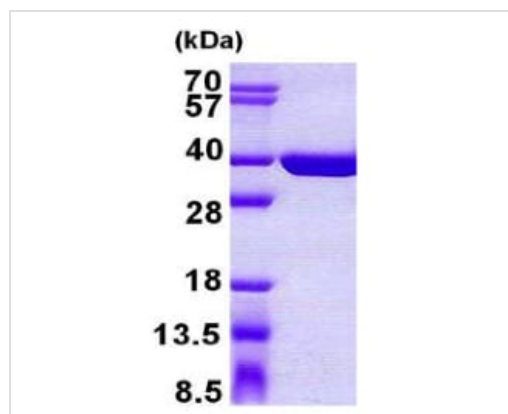
Sequence similarities

Belongs to the sulfotransferase 1 family.

Cellular localization

Cytoplasm.

Images



15% SDS-PAGE analysis of ab156984 (3µg).

SDS-PAGE - Recombinant Human SULT1C4 protein
(ab156984)

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

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