# **PRODUCT INFORMATION**

Catalog number ATGD0489

Product type cDNA

**Species** Human

NCBI Accession No. NP\_006579.2

Alternative Names SULT1C, SULT1C2

**mRNA Refseq** NM\_006588.2

**OMIM** 608357

Chromosome location 2q12.3

## **PRODUCT SPECIFICATION**

Formulation

Lyophilized

**Storage** Store the plasmid at -20C.

**cDNA Size** 909bp

## Preparation before usage

Centrifuge at 7000rpm for 1 minute.
Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
Each tube contains approximately 10ug of lyophilized plasmid.

## Vector description

This shuttle vector contains the complete ORF. It is inseted Nde I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

## **Cloning Vector**

pATGen (puc19-derived cloning vector)

#### **General Description**



NKMAXBIO we support you, we believe in your research SULT1C4 cDNA Catalog Number: ATGD0489

Sulfotransferase 1C4, also known as SuLT1C4, belongs to the SuLT subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. SuLT1C4 catalyzes the sulfonation of p-nitrophenol and Nhydroxy-2-acetylaminofluorene, but not dopamine.

## DATA

#### Sequence nucleotides

#### **Transaction Sequence**

MALHDMEDFT FDGTKRLSVN YVKGILQPTD TCDIWDKIWN FQAKPDDLLI STYPKAGTTWTQEIVELIQN EGDVEKSKRA PTHQRFPFLE MKIPSLGSGL EQAHAMPSPR ILKTHLPFHLLPPSLLEKNC KIIYVARNPK DNMVSYYHFQ RMNKALPAPG TWEEYFETFL AGKVCWGSWHEHVKGWWEAK DKHRILYLFY EDMKKNPKHE IQKLAEFIGK KLDDKVLDKI VHYTSFDVMKQNPMANYSSI PAEIMDHSIS PFMRKGAVGD WKKHFTVAQN ERFDEDYKKK MTDTRLTFHFQF

