

32-8187: Recombinant Human Sulfotransferase 4A1/SULT4A1

Gene : SULT4A1

Gene ID : 25830

Uniprot ID : Q9BR01

Description

Source: E. coli.

MW :33kD.

Recombinant Human Sulfotransferase 4A1 is produced by our E.coli expression system and the target gene encoding Met1-Leu284 is expressed. Sulfotransferase 4A1 (ST4A1) is a member of the Sulfotransferase 1 family. ST4A1 is highly expressed in the cerebral cortex and frontal lobe, but no expression is detected in the pancreas. ST4A1 is a brain-specific sulfotransferase believed to be involved in the metabolism of neurotransmitters. ST4A1 acts on catecholamines and T4 in a manner that may not involve sulfonation. ST4A1 may have a role in the metabolism of drugs and neurotransmitters in the CNS. In addition, ST4A1 is related to schizophrenia.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : MAESEAETPSTPGEFESKYFEFHGVRLPPFCRGKMEEIANFPVRPSDVWIVTYPKSGTSLQEVVYLVVSQGADP
DEIGLMNIDEQLPVLEYPQPLDIIKELTSPRLIKSHLPYRFLPSDLHNGDSKVIYMARNPKDLVVSYYQFHRSLRT
MSYRGTFQEFCCRFMNDKLGYSWFEHVQEFWEHRMDSNVLFLKYEDMHRDLVTMVEQLARFLGVSCDKA
QLEALTEHCHQLVDQCCSAEALPVGRGRVGLWKDIFTVSMNEKFDLVYKQKMGKCDLTFDFYL

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.