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SULT4A1 Protein



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Quantity:	50 μg
Target:	SULT4A1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Sulfotransferase 4A1/SULT4A1 Protein
Sequence:	Met 1-Leu284
Characteristics:	Recombinant Human Cytosolic Sulfotransferase Family 4A Member 1 is produced by our E.coli expression system and the target gene encoding Met1-Leu284 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SULT4A1
Alternative Name:	Sulfotransferase 4A1/SULT4A1 (SULT4A1 Products)
Background:	Background: 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

Target Details

	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. Synonym: Sulfotransferase 4A1, ST4A1, Brain Sulfotransferase-Like Protein, hBR-STL, hBR-STL-1, Nervous System Sulfotransferase, NST, SULT4A1, SULTX3
Molecular Weight:	33.0 kDa
UniProt:	Q9BR01

Application Details

Restrictions: For Research Use only

Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.