

Product Name: Recombinant Human SULT4A1
Catalog #: PEH1588

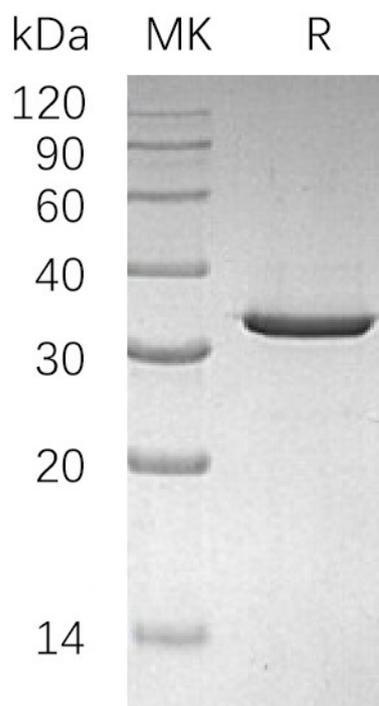


Summary

Name	SULT4A1/Cytosolic Sulfotransferase 4A1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	AAH22459.1
Host	E.coli
Species	Human
Predicted Molecular Mass	33 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, 150 mM NaCl, 8% Sucrose, 0.05% Tween80, pH7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Sulfotransferase 4A1; ST4A1; Brain Sulfotransferase-Like Protein; hBR-STL; hBR-STL-1; Nervous System Sulfotransferase; NST; SULT4A1; SULTX3

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 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.

Note

For Research Use Only , Not for Diagnostic Use.