

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Recombinant Human SULT1A1 (N-6His) EBT-EPT119

Article Name	Recombinant Human SULT1A1 (N-6His)
Biozol Catalog Number	EBT-EPT119
Supplier Catalog Number	EPT119
Alternative Catalog Number	EBT-EPT119-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Cytosolic Sulfotransferase Family 1A Member 1 is produced by our E.coli expression system and the target gene encoding Met1-Leu295 is expressed with a 6His tag at the N-terminus....
Molecular Weight	Molecular weight: 35.6 KDa. Apparent molecular weight: 32 KDa, reducing conditions
UniProt	AAH00923.1
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Background: Sulfotransferase 1A1 (SULT1A1) is a cytosolic sulfotransferases that is expressed in the liver, lung, adrenal, brain, platelets, and skin. SULT1A1 is a phenol sulfotransferases with thermostable enzyme activity. SULT1A1 utilizes 3-phospho-5-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. It is responsible for the sulfonation and activation of minoxidil. SULT1A1 mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk