

Recombinant Human SULT1A2 Protein (His Tag)

Catalog Number:PKSH033085



Note: Centrifuge before opening to ensure complete recovery of vial contents.

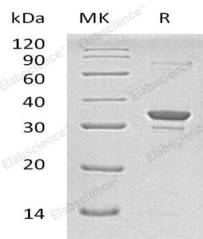
Description

Synonyms	Sulfotransferase 1A2;ST1A2;Aryl Sulfotransferase 2;Phenol Sulfotransferase 2;Phenol-Sulfating Phenol Sulfotransferase 2;P-PST 2;SULT1A2;STP2
Species	Human
Expression Host	E.coli
Sequence	Met 1-Leu295
Accession	AAI13728.1
Calculated Molecular Weight	36.4 kDa
Observed molecular weight	33 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Sulfotransferase 1A2 (SULT1A2) is a member of the Sulfotransferase 1 family. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. SULT1A2 is a cytoplasmic protein and exists as a homodimer. SULT1A2 mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and might thus participate as a modulating factor of cancer risk.

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