

Sulfotransferase Family, Cytosolic, 1A, Member 2 Human Recombinant

Item Number	rAP-1941
Synonyms	Sulfotransferase 1A2, ST1A2, Aryl sulfotransferase 2, Phenol sulfotransferase 2, Phenol-sulfating phenol sulfotransferase 2, P-PST 2, SULT1A2, STP2, HAST4, TSPST2.
Description	SULT1A2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-295 a.a.) and having a molecular mass of 36.4kDa.SULT1A2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P50226
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MELIQDISRP PLEYVKGVP L IKYFAEALGP LQSFQARPDD LLIS-TYPKSG TTWVSQILDM IYQGGDLEKC HRAPIFMRVP FLEFKVPGIP SGMETLKNTP APRLLKTHLP LALLPQTLLD QKVKVVYVAR NAKDVAVSYY HFYHMAKVYP HPGTWESFLE KFMAGEVSYG SWYQHVQEWW ELSRTHPVLY LFYEDMKENP KREIQKILEF VGRSLPEETV DLMVEHTSFK EMKKNPMTNY TTVRREFMDH SISPFMRKGM AGDWKTTFTV AQNERFDADY AEKMAGCSLS FRSEL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	SULT1A2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**