

Full-Length

SULT2A1 (Human) Recombinant Protein (P01)

Catalog # H00006822-P01

Size 50 ug

Specification

Product Description	Human SULT2A1 full-length ORF (BAG36209.1, 1 a.a. - 285 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSDDFLWFEGIAFPTMGFRSETLRKVRDEFVIRDEDVILTYPKSGTNWLAEILCLMHSGDAKWIQ SVPIWERSPPWVESEIGYTALSETESPRLFSSHLPIQLFPKSFFSSKAKVYLMRNPRDVLVSGYFF WKNMKFIKKPKSWEEYFEWFCQGTVLYGSWFDHIHGWMMPMREEKNFLLLSYEELKQDTGRTIEKI CQFLGKTLPEELNLILKNSSFQSMKENKMSNYSLLSVDYVVDKAQLLRKGVSGDWKNHFTVAQ AEDFDKLFQEKMADLPRELFPE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	57.75
Interspecies Antigen Sequence	Mouse (63); Rat (62)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — SULT2A1

Entrez GeneID	6822
GeneBank Accession#	AK313415.1
Protein Accession#	BAG36209.1
Gene Name	SULT2A1
Gene Alias	DHEA-ST, DHEAS, HST, ST2, ST2A3, STD, hSTa
Gene Description	sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
Omim ID	125263
Gene Ontology	Hyperlink
Gene Summary	Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene is primarily expressed in liver and adrenal tissues where the encoded protein sulfates steroids and bile acids. [provided by RefSeq]
Other Designations	alcohol sulfotransferase alcohol/hydroxysteroid sulfotransferase dehydroepiandrosterone sulfotransferase hydroxysteroid sulfotransferase sulfotransferase family 2A, dehydroepiandrosterone (DHEA)-preferring, member 1 sulfotransferase family, cytosolic, 2A,

Disease

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