



Human STS blocking peptide (CDBP0501)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Arylsulfatase C/STS antibody
Antigen Description	The protein encoded by this gene catalyzes the conversion of sulfated steroid precursors to estrogens during pregnancy. The encoded protein is found in the endoplasmic reticulum, where it acts as a homodimer. Mutations in this gene are known to cause X-linked ichthyosis (XLI). [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	STS steroid sulfatase (microsomal), isozyme S [Homo sapiens]
Official Symbol	STS
Synonyms	STS; steroid sulfatase (microsomal), isozyme S; ARSC1, steroid sulfatase (microsomal), arylsulfatase C, isozyme S; steryl-sulfatase; ARSC; arylsulfatase C; estrone sulfatase; steryl-sulfate sulfohydrolase; ES; ASC; XLI; SSDD; ARSC1;
Entrez Gene ID	412

mRNA Refseq	NM_000351
Protein Refseq	NP_000342
UniProt ID	P08842
Chromosome Location	Xp22.32
Pathway	Estrogen metabolism, organism-specific biosystem; Glycosphingolipid metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; Steroid hormone biosynthesis, organism-specific biosystem; Steroid hormone biosynthesis, conserved biosystem;
Function	hydrolase activity; metal ion binding; steryl-sulfatase activity; sulfuric ester hydrolase activity;