

RPG609Hu01 10µg

Recombinant Steroid Sulfatase Isozyme S (STS)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: His235~Arg583

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5%Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.0

Predicted Molecular Mass: 43.6kDa

Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

				HYFRPL	NCFMMRNYEI
IQQPMSYDNL	TQRLTVEAAQ	FIQRNTETPF	LLVLSYLHVH	TALFSSKDFA	
GKSQHGVIYGD	AVEEMDWSVG	QILNLLDELRL	LANDTLIYFT	SDQGAHVEEV	
SSKGEIHGGS	NGIYKGGKAN	NWEGGIRVPG	ILRWPRVIQA	GQKIDEPTSN	
MDIFPTVAKL	AGAPLPEDRI	IDGRDLMPLL	EGKSQRSDEH	FLFHYCNAYL	
NAVRWHPQNS	TSIWKAFFFT	PNFNPVGSNG	CFATHVCFCF	GSYVTHHDP	
LLFDISKDPR	ERNPLTPASE	PRFYEILKVM	QEAADRHTQT	LPEVPDQFSW	
NNFLWKPWLQ	LCCPSTGLSC	QCDREKQDKR	LSR		

[IDENTIFICATION]

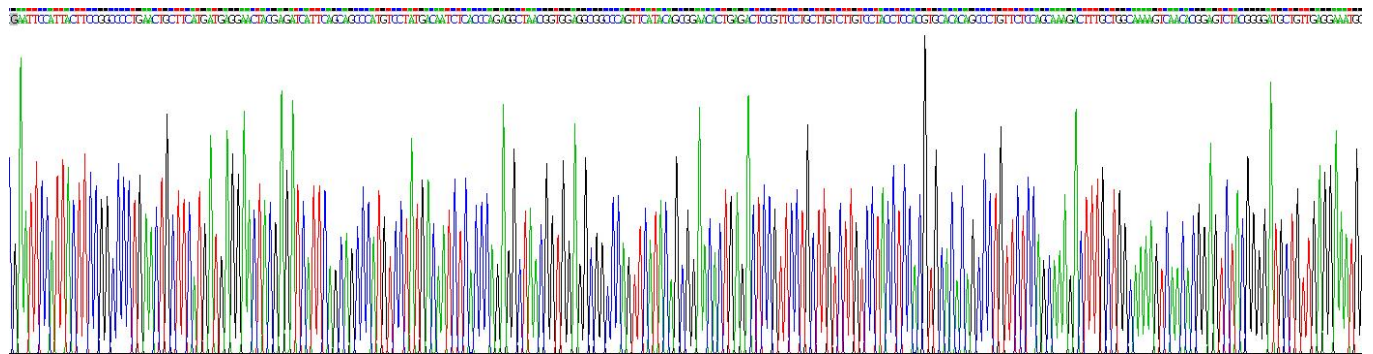
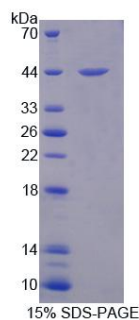


Figure . Gene Sequencing (extract)



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.