

RPG609Hu01 50µg

Recombinant Steroid Sulfatase Isozyme S (STS)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[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% SKL, 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]

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                                HYFRPL NCFMMRNYEI
IQQMSYDNL TQRLTVEAAQ FIQRNTETPF LLVLSYLHVH TALFSSKDFA
GKSQHGVIYGD AVEEMDWSVG QILNLLDELRLANDTLIYFT SDQGAHVEEV
SSKGEIHGGS NGIYKGGKAN NWEVGIRVPG ILRWPRVIQA GQKIDEPTSN
MDIFPTVAKL AGAPLPEDRI IDGRDLMPLL EGKSQRS DHE FLFHVCNAYL
NAVRWHPQNS TSIWKAFFFT PNFNPVGSNG CFATHVCFCF GSYVTHDPP
LLFDISKDPR ERNPLTPASE PRFYEILKVM QEADRHTQT LPEVPDQFSW
NNFLWKPWLQ LCCPSTGLSC QCDREKQDKR LSR
    
```

[IDENTIFICATION]

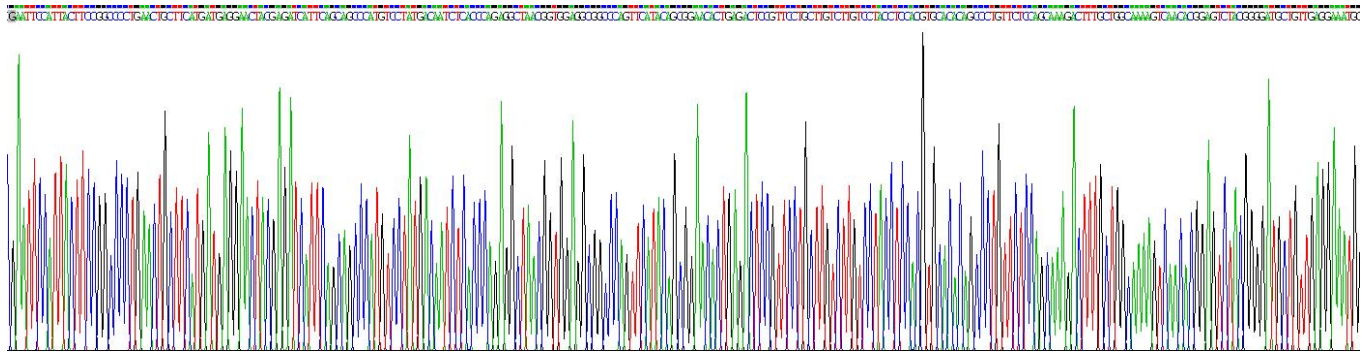
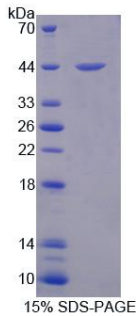


Figure . Gene Sequencing (extract)



[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.