

**RPH877Hu01 1**

**Recombinant Heparan Sulfate-6-O-Sulfotransferase 2 (HS6ST2)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

**FOR RESEARCH USE ONLY**

**NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Lys236~Arg605

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**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:** 9.7

**Predicted Molecular Mass:** 46.9kDa

**Accurate Molecular Mass:** 47kDa 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 ]**

			NQ	IQKLEESRSK	LERAIARHEV
REIEQRHTMD	GPRQDATLDE	EEDMVIIYNR	VPKTASTSFT	NIAYDLCAKN	
KYHVLHINTT	KNNPVMSLQD	QVRFVKNITS	WKEMKPGFYH	GHVSYLDFAK	
FGVKKKPIYI	NVIRDPIERL	VSYYYFLRFG	DDYRPLGRRR	KQGDKKTFDE	
CVAEGGSDCA	PEKLWLQIPF	FCGHSSECWN	VGSRWAMDQA	KYNLINEYFL	
VGVTEELDF	IMLLEAALPR	FFRGATELYR	TGKKSHLRKT	TEKKLPKQT	
IAKLQQSDIW	KMENEFYEFA	LEQFQFIRAH	AVREKDGDLY	ILAQNFFYEK	
IYPKSN					

**[ IDENTIFICATION ]**

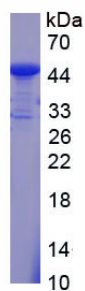


Figure. SDS-PAGE

**[ 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.