

Recombinant Full Length *Xenopus laevis* Heparan Sulfate 2-O-Sulfotransferase 1(Hs2St1) Protein, His-Tagged

Cat. No. RFL22355XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus laevis</i> Heparan sulfate 2-O-sulfotransferase 1(hs2st1) Protein (O93336) (1-356aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus laevis</i>
Source	<i>E. coli</i>
Protein Length	Full Length (1-356)
Form	Lyophilized powder
AA Sequence	MGLLRIMMPKQLQLLAVLTFGVLMFLFNQIQNLEESREKLRAIARHEVREIEQRHS MDGSRQEIALDDDEDILIIYNRVPKTASTSFTNIAYDLCAKNKYHVLHINTTKNNPVMS LQDQVRFVKNVSSWREMKPGFYHGHVSFLDFTKFGVKKKPIYINVIRDPIERLVSY YFLRFGDDYRPLRRRKQGDKKTDFECVAAGGSDCAPEKLWLQIPFFCGHSSECW NVGSRWALDQAKYNLVNEYFLVGVTEELEDFIMLLEAALPRFFRGATELYRSGKKSH LRKTTEKKAPSKETTAKLQQSDIWKMENEFYEFALQFQFVRAHAVREKDGELYVLA PNFFYEKIYPKSN
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	hs2st1
Synonyms	hs2st1; hs2st; Heparan sulfate 2-O-sulfotransferase 1
UniProt ID	O93336

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