

# Recombinant Full Length *Xenopus Tropicalis* Probable Signal Peptidase Complex Subunit 2(Spcs2) Protein, His-Tagged

**Cat. No.** RFL36343XF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length <i>Xenopus tropicalis</i> Probable signal peptidase complex subunit 2(spcs2) Protein (Q5M8Y1) (1-201aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .                           |
| <b>Species</b>          | <i>Xenopus tropicalis</i> (Western clawed frog) ( <i>Silurana tropicalis</i> )                                                                                                                                            |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Full Length (1-201)                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MAARGGKNGLLLEKWKIDDKPKIDKWDGSAVKNSLDDAAKKVLEKYRYVENFCLID<br>GRL IICTISCVF AIVALVWDYLHPFPESKPVLAICVISYFLMMGILTIYTSYKEKSIFLVA<br>HR KDPAGMDPDDIWHLSSSLKRFDDKYTLKVITYISGKTKAQRDAEFTKSIARFFDDN<br>GTLVM DLFEPEVSKLHDSLAMEKKTK |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                               |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                            |

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|                       |                                             |
|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | 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**

spcs2

**Synonyms**

spcs2; Probable signal peptidase complex subunit 2; Microsomal signal peptidase 25 kDa subunit; SPase 25 kDa subunit

**UniProt ID**[Q5M8Y1](#)

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