

Recombinant Full Length *Xenopus Tropicalis* Zinc Transporter 6(Slc30A6) Protein, His-Tagged

Cat. No. RFL29130XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Zinc transporter 6(slc30a6) Protein (Q5I0B2) (1-464aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length (1-464)
Form	Lyophilized powder
AA Sequence	MGTIYLFRTKQRSLGKLTQEFRLVTADRRSWKILLFGAINVVCTGFLLTWCSSTNSM AL TAYTYLTIFDLFSLITCLISYWMMKKPSPTYSGFERFEVLSVFASTVLAQLGALF ILK ESAERFVEQPEIHTGRLLVGTFVALCFNLFSMLSIRNKPFAVYVSEAASTSWLQEH VADLS RSLCGIIPGLSSIFLPRMNPFLVLIAGALALCITYMLIEINNYFAVDTASAIAIAV MTF GTMYPMSVYSGKVLLQTTPPHVIGQLDKLLREVSTLDGVLEVRNEHFWTLGFG TMAGSVH VRIRRDANEQMVLAHVNTNRLNTLVSSLTVQIFKDEWARPVLASGAMPPN MLNIPDHHVIQ MPSLKSTMDELNPMTSTPSKPPSPPEFAFNTPGKNMNPVILSNN QTRPSGVGFNYGTP YTTTFNHGLGVPGIGNTQGLRTGLTNVANRYGTYPGQFT QFKQ
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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

slc30a6

Synonyms

slc30a6; znt6; TEgg064j23.1; TTpA009a14.1; Zinc transporter 6; ZnT-6; Solute carrier family 30 member 6

UniProt ID

[Q5I0B2](#)

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