

Recombinant Full Length *Xenopus tropicalis* Fat Storage-Inducing Transmembrane Protein 2(Fitm2) Protein, His-Tagged

Cat. No. RFL31220XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Fat storage-inducing transmembrane protein 2(fitm2) Protein (A0JP80) (1-260aa), 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>
Protein Length	Full Length (1-260)
Form	Lyophilized powder
AA Sequence	MERLENC AQMFQRRFLNESFRRHCPVLLACIVLGG SLLKELCPLPDSYWNNKRNVL NVYFVKFSWGWTLLWLLLPIAL TNYKLTRSTTKVLRRLSSLLVSTLIWYLC TNLFLYIE NITGS CYESEAMSDPKEHQDRRECRLHSGYWHGFDISGHCFLLSYCILLILEETSII S NIRFERH WHRMAINAQFAALSILV IIVVWMFLCTAVYFHNIFQKVIGTAFGILAWYITY RWWYLQPI SPGLPPASASRSGKEPIYRN
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	fitm2
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Synonyms	fitm2; fit2; Acyl-coenzyme A diphosphatase FITM2; Fat storage-inducing transmembrane protein 2; Fat-inducing protein 2
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UniProt ID	A0JP80
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