

Recombinant Full Length *Xenopus laevis* Melatonin Receptor Type 1A X2.0 Protein, His-Tagged

Cat. No. RFL17706XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus laevis</i> Melatonin receptor type 1A X2.0 Protein (P51048) (1-153aa), 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 (1-153)
Form	Lyophilized powder
AA Sequence	HSSWYNRLFSNSGTICYVGLVWVLALGAILPNLFGSLRCDPRIFSCTFAQYVSSYY TIA VVIFHFFLPIGVVSYCYLRIWVLVLNIRHRVKPDRHLHHQTPYNIHGFITMFVVF VLFA VCWGPLNIIGLTVAIYPPLGDSIPQWLFVASYF
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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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.

GENE INFORMATION

Gene Name	Xenopus laevis Melatonin receptor type 1A X2.0
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Synonyms	Melatonin receptor type 1A X2.0; Mel-1A-R X2.0; Mel1a receptor X2.0; Fragment
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UniProt ID	P51048
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