

Recombinant Full Length Danio Rerio Melatonin Receptor Type 1B-B(Mtnr1Bb) Protein, His-Tagged

Cat. No. RFL31408DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Danio rerio Melatonin receptor type 1B-B(mtnr1bb) Protein (P51049) (1-347aa), fused to N-terminal His tag, was expressed in E. coli.
Species	zebrafish
Source	E.coli
ProteinLength	Full Length (1-347)
Form	Lyophilized powder
AA Sequence	MPENIAFLTNSTDLGHVGRALGSSARPAWAIASVLIFTTVVDVLGNLLVIISVFRN R KLRNAGNVFVVSALAFADLVAFYPYPLVLYAIFHDGWSLGETQCKISGFLMGLSVI GSVF NITGIAINRYCYICHSFAYGRLYSFRNTLLLVALIWALTVLAILPNFFVGSLSYDP RVYS CTFTQTASSSYTVVVVVHFLVPIAVVTFCYLRIWVLVIQVRRKVKSEERSRV RPSDLRN FVTMFVVFVLFAICWAPLNLIGLVVAINPEVMAPRVPEWLFVVSYFMAYF NSCLNIIYG LLNRNFRKEYVRIMTAVWIPRRFVTETSTRAATDGMRSKPSPAINNNE
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.
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	mtnr1bb
Synonyms	mtnr1bb; mel1br; mtnr1br; mtnr1br-2; si:ch211-214k5.4; si:ch211-224h1.2; Melatonin receptor type 1B-B; Mel-1B-R-B; Mel1b receptor B; Melatonin receptor Mel1b Z2.6-4; zMel1b-1
UniProt ID	P51049

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