

Recombinant Full Length Danio Rerio Macoilin-2(Tmem57B) Protein, His-Tagged

Cat. No. RFL18128DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Danio rerio Macoilin-2(tmem57b) Protein (Q2TLY1) (1-699aa), fused to N-terminal His tag, was expressed in E. coli.
Species	zebrafish
Source	E.coli
ProteinLength	Full Length (1-699)
Form	Lyophilized powder
AA Sequence	MKRRNADCSKLRRPLKRNRITEGIYGSTFLYLKFLVWVWLVLLADVFLEFRFEYLVWPF WL FIRSVYDSFRYQGLAFSVFFVCVAFTSDIICLLFIPVQWLFFAASTYVWVQYVWH TERGV CLPTVSLWILFVYIEAAIRFKDLKHFHVDLCRPFAAHCIGYPVVTLGFGFKSY VSYKMRL RKQKEVQKENEFYMQLLQQALPPEQQLIQRQEREAEAAAAAAAAAASK SIHDVDSPAVAQ NGSAGGKKPSSNTLPELEYREKERGKNESKKQHNNHNQNHHSST SSSILPSVDNKAQEMEY MENHVNSKRLSSSDLLGSTENLLKDEHSSSSSSSTSSNS NKNYKNASGGGGGGGSSSPRG HGTANGSVPSSSGPSSSASSSSKGRDKQKYGG GKNSASHRDPVENCIPNNQLSKPEALVR LEQDVKKLKADLQASRQTEQDLRSQLG SLGTSESRIRSELGQLRQENELLQNKLNNAVQA KQKDKQTLGQLEKRLKAEQEARA AAEKLLAEKKRKKLEEATAARAVALAAATRGECTES LRRRISELEAECKKLTLDIKV KEDQIRELELKVQELHXYKENEKDEVLMSALSAMQDKT QHLENSLSAETRIKLDLF SALGDAKRQLEIAQGQILQKDQEIKDLKQKIAEVMAMPSV YSADTGSMTPTVTPHY

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	SSKFMDTSPSGLDPNASVYQPLKK
Purity	Greater than 90% as determined by 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 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	maco1b
Synonyms	maco1b; tmem57b; si:dkey-9g4.5; zgc:63610; Macoilin-2; Transmembrane protein 57b
UniProt ID	Q2TLY1