

Recombinant Full Length Fundulus Heteroclitus Type II Iodothyronine Deiodinase(Dio2) Protein, His-Tagged

Cat. No. RFL33665FF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Fundulus heteroclitus Type II iodothyronine deiodinase(dio2) Protein (P79747) (1-266aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Fundulus heteroclitus (Killifish) (Mummichog)
Source	E.coli
ProteinLength	Full Length (1-266)
Form	Lyophilized powder
AA Sequence	MGSASEDLLVTLQILPGFFSNCLFLALYDSVVLVKRVALLSRSR SAGCGEWRRLT SEG LRSIWNSFLLDAH KQVKLGCEAPNSKVVKVPDGP RWSSTVVPCGSRIQTGGE CRL LDFES SDRPLVVNFGSATUPPFISHLPAFRQLVEDFSDVADFLLVYIDEAHPSD GWVAPQMGACS FSFRKHQNLEERIGAARKLIEHFS LPPQCQLVADCMDNNAVAY GVANERV CIVHQRKIA YLG GKGPF FYS LKDV RQWLELSYGR R
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	dio2
Synonyms	dio2; Type II iodothyronine deiodinase; 5DII; DIOII; Type 2 DI; Type-II 5'-deiodinase
UniProt ID	P79747

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