

Recombinant Rat Dio3 protein, His-tagged

Cat. No. Dio3-4042R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dio3 protein(P49897)(63-304aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	63-304aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	31.5 kDa
AA Sequence	DFLCIRKHFLRRRHPDHPEPEVELNSEGEEMPDPDDPPICVSDDNRLCTLASLKAVW HGQKLDFFKQAHEGGPAPNSEVVRPDGFQSQRILDYAQGTRPLVLNFGSCTUPPF MARMSAFQRLVTKYQRDVFLLIYIEEAHPSDGWVTTDSPYVIPQHRSLEDVRSAAR VLQQGAPGCALVLDTMANSSSSAYGAYFERLYVIQSGTIMYQGGRGPDGYQVSELR TWLERYDEQLHGTRPRRL
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

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%.

GENE INFORMATION

Gene Name	Dio3 deiodinase, iodothyronine, type III [<i>Rattus norvegicus</i>]
Official Symbol	Dio3
Synonyms	DIO3; deiodinase, iodothyronine, type III; type III iodothyronine deiodinase; type 3 DI; type-III 5-deiodinase; deiodinase, iodothyronine, type 3; 5DIII; DIOIII;
Gene ID	29475
mRNA Refseq	NM_017210
Protein Refseq	NP_058906

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