

Recombinant Human DIO3 protein, GST-tagged

Cat. No. DIO3-3452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DIO3 protein(68-304 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	68-304 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	DIO3
Synonyms	DIO3; deiodinase, iodothyronine, type III; TXDI3; type III iodothyronine deiodinase; type 3 DI; type-III 5 deiodinase; type-III 5-deiodinase; type 3 iodothyronine

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selenodeiodinase; iodothyronine deiodinase, placental type; thyroxine deiodinase type III (selenoprotein); D3; 5DIII; DIOIII;

Gene ID 1735

mRNA Refseq NM_001362

Protein Refseq NP_001353

MIM 601038

UniProt ID P55073

SDS-PAGE



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