

Recombinant Human DIO3 protein, His-tagged

Cat. No. DIO3-3713H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DIO3 protein(192-278 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	192-278 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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