

Type II iodothyronine deiodinase Recombinant Protein | IOD2 recombinant protein

Recombinant Rat Type II iodothyronine deiodinase

CATALOG # AAA309790	HOST Yeast	REACTIVITY Rat
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PRODUCT SYNONYMS

Type II iodothyronine deiodinase; Recombinant Rat Type II iodothyronine deiodinase; 5DII; DIOII; Type 2 DI; Type-II 5'-deiodinase; IOD2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Reactivity	Rat
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Full Length, 1-266aa
Tag Info	His-tag
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for IOD2 recombinant protein	Catalyzes the deiodination of T4 (3, 5, 3', 5'-tetraiodothyronine) into T3 (3, 5, 3'-triiodothyronine). Essential for providing the brain with appropriate levels of T3 during the critical period of development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	132566529
NCBI GeneID	65162
NCBI Accession #	NP_113908.3
NCBI GenBank Nucleotide #	NM_031720.4
UniProt Accession #	P70551; O70179
Molecular Weight	61.5kD
NCBI Official Full Name	type II iodothyronine deiodinase
NCBI Official Synonym Full Names	deiodinase, iodothyronine, type II
NCBI Official Symbol	Dio2
NCBI Official Synonym Symbols	5DII; DIOII
NCBI Protein Information	type II iodothyronine deiodinase
UniProt Protein Name	Type II iodothyronine deiodinase
UniProt Gene Name	Dio2
UniProt Synonym Gene Names	Itid2; Txd2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/dio2-recombinant-protein-yeast/309790>