

Type II iodothyronine deiodinase

Catalog No: #AP78570



Package Size: #AP78570-1 50ug #AP78570-2 100ug #AP78570-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Type II iodothyronine deiodinase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	1-240AA
Other Names	ITDI2, TXDI2, 5DII, DIOII, Type 2 DI, Type-II 5'-deiodinase
Accession No.	Q92813 Gene name: DIO2
Uniprot	Q92813
GeneID	1734;
Calculated MW	26.4
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (pH 8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Responsible for 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.

References

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Note: This product is for in vitro research use only