



# Recombinant Rat Thyroxine 5-deiodinase (Dio3), partial (170:U→missing)

<b>Product Code</b>	CSB-EP344617RA-B
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P49897
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	DFLCIRKHFLRRRHPDHPEPEVELNSEGEEMPDDPPICVSDDNRLCTLASLK AVWHGQKLDFFKQAHEGGPAPNSEVVRPDGFQSQRILDYAQGTRPLVLNFG SCTPPFMARMSAFQRLVTKYQRDVDFLIYIEEAHPSDGWVTTDSPYVIPQHRS LEDRVSAARVLQQGAPGCALVLDTMANSSSSAYGAYFERLYVIQSGTIMYQG GRGPDGYQVSELRTWLERIDEQLHGTRPRRL
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	Dio3
<b>Protein Names</b>	Recommended name: Type III iodothyronine deiodinase EC= 1.97.1.11Alternative name(s): 5DIII DIOIII Type 3 DI Type-III 5'-deiodinase
<b>Expression Region</b>	63-304aa(170:U→missing)
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.