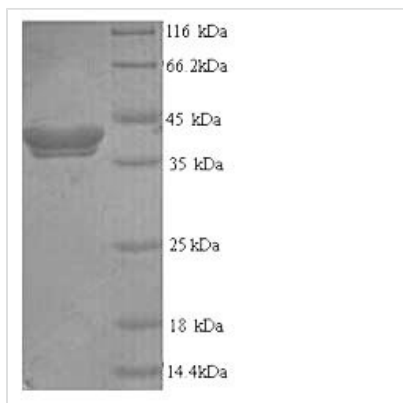




Recombinant Human Thyroid peroxidase (TPO), partial

Product Code	CSB-YP024112HU
Relevance	Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T3 and T4.
Abbreviation	Recombinant Human TPO protein, partial
Storage	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.
Uniprot No.	P07202
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	FFPFISRGKELLWGWKPEESRVSSVLEESKRLVDTAMYATMQRNLKKGILSPA QLLSFSKLPEPTSGVIARAAEIMETSIQAMKRKVNLTQSQHQPTDALSEDLLSI IANMSGCLPYMLPPKCPNTCLANKYRPITGACNNR
Research Area	Cancer
Source	Yeast
Target Names	TPO
Protein Names	Recommended name: Thyroid peroxidase Short name= TPO EC= 1.11.1.8
Expression Region	19-161aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	17.9kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

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.

Shelf Life

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.