

Recombinant human Thyroid peroxidase

Catalog No: #AP72821



Package Size: #AP72821-1 20ug #AP72821-2 100ug #AP72821-3 1mg

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Description

Product Name	Recombinant human Thyroid peroxidase
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-161aaSequence Info:Partial
Accession No.	P07202
Uniprot	P07202
GeneID	7173;
Calculated MW	17.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	FFPFISRGKELLWGKPEESRVSSVLEESKRLVDTAMYATMQRNLKKGILSPAQLLSFSKLPEPTSGVIARAEEI METSIQAMKRKVNLTQQSQHPTDALSEDLLSIANMSGCLPYMLPPKCPNTCLANKYRPITGACNNR
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T3 and T4.

References

Isolation of a complementary DNA clone for thyroid microsomal antigen. Homology with the gene for thyroid peroxidase.Seto P., Hirayu H., Magnusson R.P., Gestautas J., Portmann L., Degroot L.J., Rapoport B.J. Clin. Invest. 80:1205-1208(1987)Research Topic:Cancer

Note: This product is for in vitro research use only