

Recombinant Mouse Tg Protein, Myc/DDK-tagged

Cat. No. Tg-6386M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thyroglobulin (Tg), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Precursor of the iodinated thyroid hormones thyroxine (T4) and triiodothyronine (T3).
Molecular Mass	304.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Tg thyroglobulin [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Tg
Synonyms	Tg; thyroglobulin; Tgn; cog; thyroglobulin; congenital goiter
Gene ID	21819
mRNA Refseq	NM_009375
Protein Refseq	NP_033401
UniProt ID	O08710

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