

Recombinant Human THRB Protein Product Manual

1. Product Basic Information

Product No.: REP08446

Protein Name: Oncogene Erba2 (THRB)

Aliases: TRb; GRTH; PRTH; THR1; ERBA2; NR1A2; THRB1; THRB2; TRbeta; THRbeta; TRbeta1; C-ERBA-THRbeta1; Thrbeta2; C-ERBA-BETA; oncogene ERBA2; thyroid hormone receptor beta

UniProt ID: P10828

UniProt Link: <https://www.uniprot.org/uniprotkb/P10828/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-461aa)

Molecular Weight: 68.8kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (1-461aa)

MTPNSMTENGLTAWDKPKHCPDREHDWKLVGMSEACLHRKSHSERRSTLKNEQS
SPHLIQTTWTSSIFHLDDHDDVNDQSVSSAQTFFQTEKKCKGYIPSYLDKDEL CVVCG
DKATGYHYRCITCEGCKGFFRRTIQKNLHPSYSCKYEGKCVIDKVTRNQCQECRFK
KCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGHKPEPTDEEWELIKT
VTEAHVATNAQGS HWKQKRKFLPEDIGQAPIVNAPEGGKVDLEAFSHFTKIITPAITR
VVDFAKKLPMFCELPCEQIILLKGCCMEIMSLRAAVRYDPESETLTLNGEMAVTRG
QLKNGGLGVVSDAIFDLGMSLSSFNLDDETEVALLQAVLLMSSDRPGLACVERIEKYQ
DSFLLAFEHYINYRKHHVTHFWPKLLMKVTDLRMIGACHASRFLHMKVECPTLFP
LFLEVFED

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human THRB full length protein (1-461aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. THRB, also known as TRb or GRTH or PPTH, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.