

Recombinant Human THRB protein, His-SUMO-tagged

Cat. No. THRB-3579H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human THRB protein(P10828)(1-461aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-461aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	68.8 kDa
AA Sequence	MTPNSMTEGLTAWDKPKHCPDREHDWKLVMSEACLHRKSHSERRSTLKNEQS SPHLIQTTWTSSIFHLDHDDVNDQSVSSAQTFQTEEKCKGYIPSYLDKDEL CVVCG DKATGYHYRCITCEGCKGFFRRTIQKNLHPSYSCKYEGKCVIDKVTRNQCQCECRFK KCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGHKPEPTDEEWELIKTV TEAHVATNAQGS HWKQKRKFLPEDIGQAPIVNAPEGGKVDLEAFSHFTKIITPAITRV VDFAKKLPMFCELPCEdQIILLKGCCMEIMSLRAAVRYDPESETLTLNGEMAVTRGQ LKNGLGVVSDAIFDLGMSLSSFNLDDETEVALLQAVLLMSSDRPGLACVERIEKYQD SFLLA FEHYINYRKHHVTHFWPKLLMKVTDLRMIGACHASRFLHMKVECPTELPPL FLEVFED

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	THRB thyroid hormone receptor, beta [Homo sapiens]
Official Symbol	THRB
Synonyms	THRB; thyroid hormone receptor, beta; ERBA2, pituitary resistance to thyroid hormone , PRTH, thyroid hormone receptor, beta (avian erythroblastic leukemia viral (v erb a) oncogene homolog 2) , thyroid hormone receptor, beta (erythroblastic leukemia viral (v erb a) oncogene homolog 2, avian); thyroid hormone receptor beta; avian erythroblastic leukemia viral (v erb a) oncogene homolog 2; ERBA BETA; generalized resistance to thyroid hormone; GRTH; NR1A2; oncogene ERBA2; THR1; THRB1; THRB2; thyroid hormone receptor beta 1; nuclear receptor subfamily 1 group A member 2; thyroid hormone nuclear receptor beta variant 1; thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian); PRTH; ERBA2; C-ERBA-2; C-ERBA-BETA; MGC126109; MGC126110;
Gene ID	7068
mRNA Refseq	NM_000461
Protein Refseq	NP_000452

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MIM	190160
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UniProt ID	P10828
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