

Thyroid Hormone Receptor Alpha Recombinant Protein | THRa recombinant protein

Recombinant Thyroid Hormone Receptor Alpha (THRa)

CATALOG # AAA144186	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Thyroid Hormone Receptor Alpha; Recombinant Thyroid Hormone Receptor Alpha (THRa); THRa recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags.His-t agandT7-ta g,itsseque nceisliste dbelow. MEQKPSKV ECGSDPEENS ARSPDGKRKR KNGQCSLQTS MSGYIPSYLD KDEQCVVCGD KATGYHYRCI TCEGCKGFFR RTIQKNLHPT YSCKYDSCCV IDKITRNQCQ LCRFKKCIAB GMAMDLVDD SKRVAKRKLI EQNRERRRKE EMIRSLQQRPEPTPEEWDLI HIATEAHRST NAQGSWKQR RKFLPDDIGQ SPIVSMPPDGD KVDLEAFSEF TKIITPAITR VVDFAKKLPM FSELPCEQI ILLKGCCMEI MSLRAAVRYD PESDTLTLTG EMAVKREQLK NGGLGVVSDA IFELGKSLSA FNLDDTEVAL LQAVLLMSTD RSGLLCVDKI EKSQEAYLLA FEHYVNRKH NIPHFWP KLL MKEREVQSSI LYKGAAAEGR PGGS LGVHPE GQQLGMHV V QGPQVRQLEQ QLGEAGSLQG PVLQHQSPKS PQQRLELLH RSGILHARAV CGEDDSSEAD SPSSEEEPE VCEDLAGNAA SP
Sequence Length	410
Applicable Applications for THRa recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	58.5kDa
Accurate Molecular Mass (KD)	59kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Homo sapiens (Human)
Fragment	Met1~Pro490
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data



Sequence



SDS-PAGE



NCBI AND UNIPROT INFORMATION

NCBI GI #	30017357
NCBI GeneID	21833
NCBI Accession #	NP_835161.1
NCBI GenBank Nucleotide #	NM_178060.3
Molecular Weight	37,926 Da
NCBI Official Full Name	thyroid hormone receptor alpha
NCBI Official Synonym Full Names	thyroid hormone receptor alpha
NCBI Official Symbol	Thra
NCBI Official Synonym Symbols	Rvr; Erba; Nr1a1; Thra1; Thra2; T3R[a]; AW259572; T3Ralpha; 6430529J03Rik
NCBI Protein Information	thyroid hormone receptor alpha
UniProt Protein Name	Thyroid hormone receptor alpha
UniProt Gene Name	Thra
UniProt Synonym Gene Names	C-erba-alpha; Nr1a1
UniProt Entry Name	THA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.