

Datasheet for ABIN7556642
THRA Protein (AA 1-492) (His tag)



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Overview

Quantity:	1 mg
Target:	THRA
Protein Characteristics:	AA 1-492
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THRA protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Thra Protein expressed in mammalian cells.
Sequence:	<p>MEQKPSKVEC GSDPEENSAR SPDGKRKRKN GQCPLKSSMS GYIPSYLDKD EQCVVCGDKA TGYHYRCITC EGCKGFFRRT IQKNLHPTYS CKYDSCCVID KITRNQCQLC RFKKCIAVGM AMDLVLDDSK RVAKRKLIEQ NRERRRKEEM IRSLQQRPEP TPEEWDLIHV ATEAHRSTNA QGSHWKQRRK FLPDDIGQSP IVSMPDGDGV DLEAFSEFTK IITPAITRVV DFAKKLPMFS ELPCEQIIL LKGCCMEIMS LRAAVRYDPE SDTLTLSGEM AVKREQLKNG GLGVVSDAIF ELGKSLSAFN LDDTEVALLQ AVLLMSTDRS GLLCVDKIEK SQEAYLLAFE HYVNRKHNI PHFWPKLLMK EREVQSSILY KGAAAEGRPG GSLGVHPEGQ QLLGMHVVGQ PQVRQLEQQL GEAGSLRGPV LQHQPSPSPQ QRLLELLHRS GILHSRAVCG EDDSSEASSL SSSSDTEDTE VCEDQAGKAA SP</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	THRA
Alternative Name:	Thra (THRA Products)
Background:	Thyroid hormone receptor alpha (Nuclear receptor subfamily 1 group A member 1) (c-erbA-1) (c-erbA-alpha),FUNCTION: Nuclear hormone receptor that can act as a repressor or activator of transcription. High affinity receptor for thyroid hormones, including triiodothyronine and thyroxine. Isoform Alpha-deltaE6 does not bind DNA, inhibits the activity of isoform Alpha-1, and stimulates myoblast differentiation. {ECO:0000269 PubMed:16322094}.
Molecular Weight:	55.0 kDa
UniProt:	P63058
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Sensory Perception of Sound , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha , Regulation of Muscle Cell Differentiation , Maintenance of Protein Location , Skeletal Muscle Fiber Development

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months