THRSP cDNA Clone – Thyroid Hormone Responsive (SPOT14 Homolog, Rat) (Human)

PRODUCT OVERVIEW

Product Name	THRSP, cDNA Clone
Full Product Name	THRSP cDNA Clone
Product Gene Name	THRSP cdna clone
Sequence	atgcaggtgc taaccaagcg ttaccccaag aactgcctgc tgaccgtcat ggaccggtat gcagccgagg tgcacaacat ggagcaggtg gtgatgatcc ccagccttct gcgggacgtg cagctgagtg ggcctggggg ccaggcccag gctgaggccc ctgatctcta cacctacttc accatgctca aggccatctg tgtggatgtg gaccatgggc tgctgccgcg ggaggagtgg caggccaagg tggcaggcag cgaagagaat ggaaccgcag agacagagga agtcgaggac gagagtgcct caggagagct ggacctggaa gcccagttcc acctgcactt ctccagcctc catcacatcc tcatgcacct caccgagaaa gcccaggagg tgacaaggaa ataccaggaa atgacgggac aagtttggta g
Molecular Weight	16,561 Da
OMIM	601926
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for THRSP cdna clone	MBS1270525 is a cDNA clone targeting THRSP.
Other Notes	Small volumes of THRSP cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for THRSP. It may not necessarily be applicable to this product.

NCBI GI #	21618926
NCBI GeneID	7069
NCBI Accession #	BC031989
UniProt Secondary Accession #	B2R4W7
UniProt Related Accession #	Q92748
NCBI Official Full Name	Homo sapiens thyroid hormone responsive (SPOT14 homolog, rat), mRNA
NCBI Official Synonym Full Names	thyroid hormone responsive
NCBI Official Symbol	THRSP
NCBI Official Synonym Symbols	S14; Lpgp; THRP; LPGP1; SPOT14
UniProt Protein Name	Thyroid hormone-inducible hepatic protein
UniProt Synonym Protein Names	Spot 14 protein; S14; SPOT14
Protein Family	Thyroid hormone-inducible hepatic protein
UniProt Gene Name	THRSP
UniProt Synonym Gene Names	S14; SPOT14

UniProt Entry Name	THRSP_HUMAN
NCBI Protein Information	thyroid hormone-inducible hepatic protein
NCBI Summary for THRSP	The protein encoded by this gene is similar to the gene product of S14, a rat gene whose expression is limited to liver and adipose tissue and is controlled by nutritional and hormonal factors. This gene has been shown to be expressed in liver and adipocytes, particularly in lipomatous modules. It is also found to be expressed in lipogenic breast cancers, which suggests a role in controlling tumor lipid metabolism. [provided by RefSeq, Jul 2008]
UniProt Comments for THRSP	THRSP: Plays a role in the regulation of lipogenesis, especially in lactating mammary gland. Important for the biosynthesis of triglycerides with medium-length fatty acid chains. May modulate lipogenesis by interacting with MID1IP1 and preventing its interaction with ACACA. May function as transcriptional coactivator. May modulate the transcription factor activity of THRB. Belongs to the SPOT14 family. Protein type: Unknown function Chromosomal Location of Human Ortholog: 11q14.1 Cellular Component: cytosol; nucleoplasm Biological Process: regulation of lipid biosynthetic process
Research Articles on THRSP	**1.** In human breast cancer cell lines, S14 expression was highest in those representing the luminal subtype compared to those cell lines with basal characteristics.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/cdna-clone/thrsp/1270525