

Recombinant Human THRSP, His-tagged

Cat. No. THRSP-7616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human THRSP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-146aa
Description	THRSP 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.?
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.
Molecular Mass	18.9kDa (169aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMQVLTKR YPKNCLLTVM DRYAAEVHNM EQVVMIPSL RDVQLSGPGG QAQAEAPDLY TYFTMLKAIC VDVDHGLLPR EEWQAKVAGS EENGTAETEE VEDESASGEL DLEAQFHLHF SSLHHILMHL TEKAQEVTRK YQEMTGQVW
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml

GENE INFORMATION

Gene Name	THRSP thyroid hormone responsive [Homo sapiens]
Official Symbol	THRSP
Synonyms	THRSP; thyroid hormone responsive; lipogenic protein 1 , LPGP1, thyroid hormone responsive SPOT14 (rat) homolog; thyroid hormone-inducible hepatic protein; Lpgp; S14; SPOT14; SPOT14 homolog (rat); SPOT14 homolog; spot 14 protein; lipogenic protein 1; thyroid hormone responsive SPOT14; thyroid hormone responsive (SPOT14 homolog, rat); LPGP1; MGC21659;
Gene ID	7069
mRNA Refseq	NM_003251
Protein Refseq	NP_003242
MIM	601926
UniProt ID	Q92748
Chromosome Location	11q14.1

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Function	protein homodimerization activity;
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