

Recombinant Human THRSP protein, His & T7-tagged

Cat. No. THRSP-8073H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human THRSP aa. (Met1~Trp146 (Accession # Q92748)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Trp146
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.8.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	THRSP thyroid hormone responsive [Homo sapiens (human)]
Official Symbol	THRSP
Synonyms	S14; Lpgp; THRP; LPGP1; SPOT14; SPOT14 homolog; lipogenic protein 1; spot 14 protein; thyroid hormone responsive (SPOT14 homolog, rat); thyroid hormone responsive SPOT14; thyroid hormone-inducible hepatic protein
Gene ID	7069
mRNA Refseq	NM_003251.3
Protein Refseq	NP_003242.1

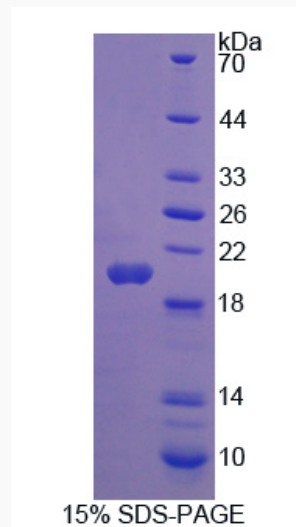
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UniProt ID

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