

Recombinant Mouse THRSP Protein (1-150 aa), His-SUMO-tagged

Cat. No. THRSP-1929M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse THRSP Protein (1-150 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Mouse
Source	E.coli
ProteinLength	1-150 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	33.1 kDa
AA Sequence	MQVLTKRYPKNCLLTVMDDRYSAVVRNMEQVVMIPSLLRDVQLSGPGGSVQDGPDL LYTYFTMLKSICVEVDHGLLPREEWQAKVAGNETSEAENDAAETEEAEEDRISEELD LEAQFHLHFCSLHHILTHLTRKAQEVTRKYQEMTGQVL

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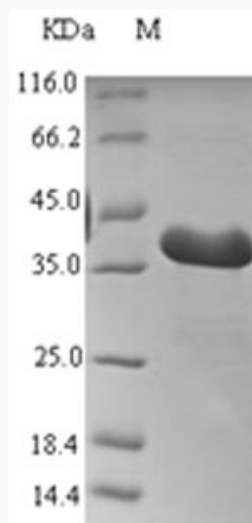
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	Thrsp thyroid hormone responsive SPOT14 homolog (Rattus) [Mus musculus]
Official Symbol	THRSP
Synonyms	THRSP; SPOT14; spot 14 protein; S14;
Gene ID	21835
mRNA Refseq	NM_009381
Protein Refseq	NP_033407
UniProt ID	Q62264

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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