

## Product datasheet for **TP304567**

### THRSP (NM\_003251) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human thyroid hormone responsive (SPOT14 homolog, rat) (THRSP), 20 µg   |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC204567 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <br>MQVLTKRYPKNCLLTVMDRYAAEVHNMEQVWMIPSLLRDVQLSGPGGQAQAEAPDLYTYFTMLKAICVDV<br>DHGLLPREEWQAKVAGSEENGTAETEEVEDESASGELDLEAQFHLHFSSLHHILMHLTEKAQEVTRKYQE<br>MTGQVW<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 16.4 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                               | <a href="#">NP_003242</a>  |
| Locus ID:                             | 7069   |
| UniProt ID:                           | <a href="#">Q92748</a>   |



[View online »](#)

RefSeq Size: 1182

Cytogenetics: 11q14.1

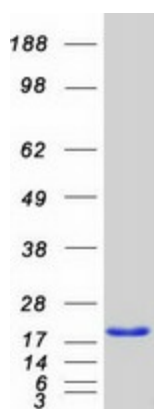
RefSeq ORF: 438

Synonyms: Lpgp; LPGP1; S14; SPOT14; THRP

**Summary:** 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]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified THRSP protein (Cat# TP304567). The protein was produced from HEK293T cells transfected with THRSP cDNA clone (Cat# [RC204567]) using MegaTran 2.0 (Cat# [TT210002]).