

## Recombinant Human THAP11 protein, Arginine-tagged

**Cat. No.** THAP11-142H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human THAP11 protein fused with 11 arginine domain at C-terminal, which efficiently delivery protein intracellularly, was expressed in E. coli.                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | 0.40 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | <p>GEFPGFTCCVPGCYNNSHRDKALHFYTFPKDAELRRLWLKNVSRAGVSGCFSTFQ</p> <p>PTTGHRLCSVHFQGGGRKTYT VRVPTIFPLRGVNERKVARRPAGAAAAARRRQQQQQ</p> <p>QQQQQQQQQQQQQQQQQQQQQQQQSSPSASTAQTALQPN LVSASAAVLLTL</p> <p>QATVDSSQAPGSVQPAPITPTGEDVKPIDLTVQVEFAAAEGAAAAAASELQAATAG</p> <p>LEAAEC PMGPQLVVVGEEGFPDTGSDHSYSLSSGTTEEELLRKLNEQRDILALMEV</p> <p>KMKEMKGSIRHLRLTEAKLREELRE KDRLLAMAVIRKKHGM</p> |
| <b>Purity</b>           | >90% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | 1. Protein transduction for human HSC cell differentiation.2. Active recombinant protein, may be used for ELISA based DNA/Protein binding assay.3. As specific protein substrate for kinase assay.4. Immunogen for specific antibody production.                                                                                                                                |
| <b>Storage</b>          | Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days.                                                                                                                                                                                                                                                                                             |

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**GENE INFORMATION**

|                            |                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | THAP11 THAP domain containing 11 [ Homo sapiens ]                                                                                |
| <b>Official Symbol</b>     | THAP11                                                                                                                           |
| <b>Synonyms</b>            | THAP11; THAP domain containing 11; THAP domain-containing protein 11; CTG B43a; CTG B45d; HRIHFB2206; RONIN; CTG-B43a; CTG-B45d; |
| <b>Gene ID</b>             | 57215                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_020457                                                                                                                        |
| <b>Protein Refseq</b>      | NP_065190                                                                                                                        |
| <b>MIM</b>                 | 609119                                                                                                                           |
| <b>UniProt ID</b>          | Q96EK4                                                                                                                           |
| <b>Chromosome Location</b> | 16q22.1                                                                                                                          |
| <b>Function</b>            | DNA binding; metal ion binding; protein binding;                                                                                 |

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