

## Recombinant Human THAP4 protein, GST-tagged

Cat. No. THAP4-3215H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human THAP4 protein(266-577 aa), fused with N-terminal GST tag, was expressed in E.coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 266-577 aa   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | EPSCSGSSLGPDKGLAQSPSSSLTATPQKPSQSPSAPPADVTPKPATEAVQSEHS<br>DASPMSINEVILSASGACKLIDSLHSYCFSSRQNKSQVCCLREQVEKKNKNGELKSLRQ<br>RVSRSDSQVRKLQEKLDELRRVSVYPSSLLSPSREPPKMNPVVEPLSWMLGTWL<br>SDPPGAGTYPTLQPFQYLEEVHISHVGPMLNFSFNSFHPDTRKPMHRECGFIRLK<br>PDTNKVAFVSAQNTGVVEVEEGEVNGQELCIASHSIARISFAKEPHVEQITRKFR LNS<br>EGKLEQTVSMATTTQPMTQHLHVITYKKVTP  |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**

**Gene Name** THAP4 THAP domain containing 4 [ Homo sapiens ]

**Official Symbol** THAP4

**Synonyms** THAP4; THAP domain containing 4; THAP domain-containing protein 4; CGI 36; PP238; CGI-36;

**Gene ID** 51078

**mRNA Refseq** NM\_001164356

**Protein Refseq** NP\_001157828

**MIM** 612533

**UniProt ID** Q8WY91

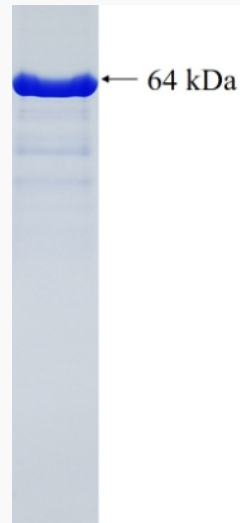
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SDS-PAGE



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