



[Go to Product page](#)

Datasheet for ABIN4371383

## Thrombopoietin Protein (THPO) (AA 22-353) (His tag)

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 50 µg   |
| Target:                       | Thrombopoietin (THPO)                                 |
| Protein Characteristics:      | AA 22-353   |
| Origin:                       | Human   |
| Source:                       | Human Cells   |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This Thrombopoietin protein is labelled with His tag. |

### Product Details

|                  |   |
|------------------|---|
| Purpose:         | Recombinant Human Thrombopoietin/TPO (N, C-6His)  |
| Sequence:        | HHHHHHSPAP PACDLRVLSK LLRDSHVLHS RLSQCPEVHP LPTPVLLPAV DFSLGEWKQ<br>MEETKAQDIL GAVTLLLEGV MAARGQLGPT CLSSLLGQLS GQVRRLLLGAL QSLLGTQLPP<br>QGRRTAHKDP NAIFLSFQHL LRGKVRFLML VGGSTLCVRR APPTTAVPSR TSLVLTNLNEL<br>PNRTSGLLET NFTASARTTG SGLLKWQQGF RAKIPGLLNQ TSRSLDQIPG YLNRIHELLN<br>GTRGLFPGPS RRTLGA PDIS SGTSDTGSLP PNLQPGYSPS PTHPPTGQYT LFPLPPTLPT<br>PVVQLHPLLP DPSAPTPTPT SPLNNTSYTH SQNLSQEGVD HHHHHH |
| Characteristics: | Recombinant Human Thrombopoietin/TPO (N, C-6His)  |
| Purity:          | > 95 % as determined by reducing SDS-PAGE.  |
| Sterility:       | 0.2 µm filtered   |
| Endotoxin Level: | Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test  |

## Target Details

---

|                   |   |
|-------------------|---|
| Target:           | Thrombopoietin (THPO)   |
| Alternative Name: | Thrombopoietin ( <a href="#">THPO Products</a> )                      |
| Molecular Weight: | 37.3 kDa  |
| UniProt:          | <a href="#">P40225</a>  |
| Pathways:         | <a href="#">JAK-STAT Signaling</a> , <a href="#">Hormone Activity</a> |

## Application Details

---

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

---

|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Reconstitution:  | It is not recommended to reconstitute to a concentration less than 100 µg/mL.<br>Dissolve the lyophilized protein in ddH <sub>2</sub> O.<br>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.                           |
| Buffer:          | Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.   |
| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting.  |
| Storage:         | 4 °C/-20 °C/-80 °C  |
| Storage Comment: | Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.<br>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.<br>Aliquots of reconstituted samples are stable at < -20°C for 3 months. |