# Human Thrombopoietin protein (Recombinant) (His-Tag) (STJP019445)

## GENERAL INFORMATION

| | |
|---|---|
| Product Type | Proteins |
| Applications | SDS-PAGE/Bioactivity |
| Host / Source | HEK293 Cells |

## PRODUCT PROPERTIES

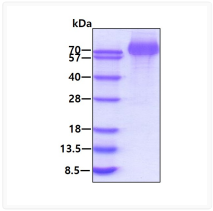
| | |
|---|---|
| Concentration | 0.25 mg/mL |
| Formulation | Liquid In Phosphate-Buffered Saline (pH 7.4) containing 10% Glycerol |
| Molecular Weight | 36.8kDa |
| Storage Instruction | For short term storage, keep at +2C to +8C for up to 1 week. For long term storage, aliquot and store at-20C, and avoid repeat freeze-thaw cycles. |

## TARGET INFORMATION

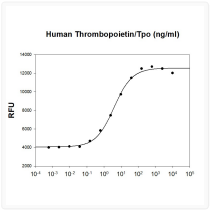
| | |
|---|---|
| Gene ID | 7066 |
| Gene Symbol | THPO |
| UniProt ID | TPO_HUMAN |
| Immunogen Region | 22-353aa |
| Immunogen Sequence | SPAPP ACDLRVLSKL LRDSHVLHSR LSQCPEVHPL PTPVLLPAVD FSLGEWKTQM EETKAQDILG AVTLLLEGVM AARGQLGPTC LSSLLGQLSG QVRLLLGALQ SLLGTQLPPQ GRTTAHKDPN AIFLSFQHLL RGKVRFLMLV GGSTLCVRRA PPTTAVPSRT SLVLTLNELP NRTSGLLETN FTASARTTGS GLLKWQQGFR AKIPGLLNQT SRSLDQ |

## ADDITIONAL INFORMATION

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|---|---|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |




SDS-PAGE gel of recombinant human Thrombopoietin protein under reducing conditions stained with Coomassie blue




Human Thrombopoietin stimulates MO7e megakaryocytic cell proliferation with ED50 ≤10 ng ml