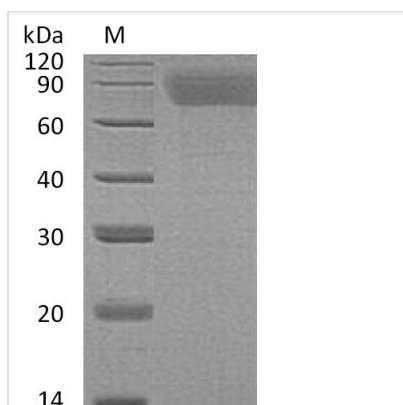




# Recombinant Human Thrombopoietin (THPO) (Active)

<b>Product Code</b>	CSB-AP003971HU
<b>Abbreviation</b>	Recombinant Human THPO protein (Active)
<b>Uniprot No.</b>	P40225
<b>Storage Buffer</b>	Lyophilized from a 0.2 $\mu$ m Filtered 20 mM Tris-HCl, 150 mM NaCl, pH 8.0
<b>Product Type</b>	Growth Factors
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	The ED50 as determined in a cell proliferation assay using MO7E human megakaryocytic leukemic cells is 0.55 ng/ml.
<b>Purity</b>	$\geq$ 95% as determined by SDS-PAGE.
<b>Sequence</b>	SPAPPACDLRVLSKLLRDSHVLHSRLSQCEVHPLPTPVLLPAVDFSLGEWKT QMEETKAQDILGAVTLLLEGVMAARGQLGPTCLSSLLGQLSGQVRLLLGALQS LLGTQLPPQGRTTAHKDPNAIFLSFQHLLRGKVRFLMLVGGSTLCVRRAPPTT AVPSRTSLVLTNLNPNRTSGLLETNFTASARTTGSGLLKWQQGFRAKIPGLLN QTSRSLDQIPGYLNRIHELLNGTRGLFPGPSRRTLGAPOISSGTSDTGSLPPNL QPGYSPSPTHPPTGQYTLFPLPPTLPTPVVQLHPLLDPSPAPTPTPTSPLLNTS YTHSQNLSQEG
<b>Research Area</b>	Cancer
<b>Source</b>	Mammalian cell
<b>Target Names</b>	THPO
<b>Expression Region</b>	22-353aa
<b>Tag Info</b>	N-terminal 6xHis-tagged and C-terminal 6xHis-tagged
<b>Mol. Weight</b>	37.3 kDa
<b>Protein Length</b>	Full Length of Mature Protein

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Endotoxin

Less than 0.01 EU/ $\mu$ g as determined by LAL method.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.