

RPA135Hu03 100µg

Recombinant Thrombopoietin (TPO)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ser22~Gly349

Tags: Two N-terminal Tags, His-tag and SUMO-tag

Subcellular Location: Secreted

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.5

Predicted Molecular Mass: 48.7kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

		SPAPPACDL	RVLSKLLRDS	HVLHSRLSQC
PEVHPLPTPV	LLPAVDFSLG	EWKTQMEETK	AQDILGAVTL	LLEGVMAARG
QLGPTCLSSL	LGQLSGQVRL	LLGALQSLLG	TQGRRTAHKD	PNAIFLSFQH
LLRGKVRFLM	LVGGSTLCVR	RAPPTTAVPS	RTSLVLTLE	LPNRTSGLLE
TNFTASARTT	GSGLLKWQQG	FRAKIPGLLN	QTSRSLDQIP	GYNRIHELL
NGTRGLFPGP	SRRTLGAIDI	SSGTSDTGSL	PPNLQPGYSP	SPTHPTGQY
TLFPLPPTLP	TPVVQLHPLL	PDPSAPTPTP	TSPLLNTSYT	HSQNLSQEG

[IDENTIFICATION]

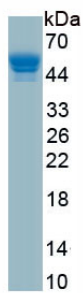


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.