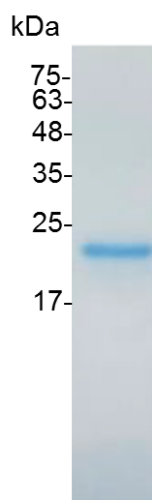


PRODUCT INFORMATION  
**TPO (Thrombopoietin), Swine**

<b>Catalog number</b>	C03021-5UG / C03021-20UG / C03021-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	Thrombopoietin is a glycoprotein hormone produced mainly by the liver and the kidney that regulates the production of platelets by the bone marrow. The protein functions in the iodination of tyrosine residues in thyroglobulin and phenoxy-ester formation between pairs of iodinated tyrosines to generate the thyroid hormones, thyroxine and triiodothyronine. It stimulates the production and differentiation of megakaryocytes, the bone marrow cells that fragment into large numbers of platelets.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	APRLICDSRVLERYILEAKEGENATMGCAESCSFSENITVPDTKVNIFYAWKRM EVQQQAMEVWQGLALLSEAILQGQALLANSSQPSEALQLHVDKAVSGLRSLTS LLRALGAQKEAIPLPDASPSSATPLRTFAVDTLCKLFRNYSNFLRGKLTLYTGEA CRRRDR with polyhistidine tag at the N-terminus
<b>Endotoxin level</b>	< 0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within two weeks after protein reconstitution.



SDS-PAGE analysis of recombinant swine TPO

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