

C-MPL Protein, Mouse (HEK293, His)

Cat. No.:	HY-P78003
Synonyms:	TPO-R; CD110; MPL; c-Mpl; MPLV; K12
Species:	Mouse
Source:	HEK293
Accession:	Q08351 (Q26-W482)
Gene ID:	17480
Molecular Weight:	60-70 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	C-MPL Protein serves as the receptor for thrombopoietin (TPO), functioning as a key regulator of megakaryopoiesis and platelet production. It plays a crucial role in TPO-R-dependent immune responses and acts as an inhibitor of thrombopoietin signaling by facilitating the down-regulation of the full-length isoform Mpl-fl.
------------	--

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA