



[Go to Product page](#)

Datasheet for ABIN7583241

MPL Protein (AA 22-489) (His tag)

Overview

Quantity:	100 µg
Target:	MPL
Protein Characteristics:	AA 22-489
Origin:	Dog
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPL protein is labelled with His tag.

Product Details

Purpose:	Canine c-MPL/Thrombopoietin R Protein
Sequence:	Gln22-Trp489
Characteristics:	Recombinant Canine c-MPL/Thrombopoietin R Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gln22-Trp489.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MPL
Alternative Name:	c-MPL (MPL Products)

Target Details

Background: The c-mpl gene encodes a member of the hematopoietic cytokine receptor superfamily. This gene was discovered through the study of a murine retrovirus which induces an acute myeloproliferative syndrome in mice. MPLV (for myeloproliferative leukemia virus) has transduced a truncated and constitutively activated form of the c-mpl receptor chain. High levels of c-mpl expression were detected in 45 % of acute myeloid leukemia (AML). No correlation was found between c-mpl expression and the French-American-British classification subtype of AML.

Molecular Weight: 54.45 kDa. Due to glycosylation, the protein migrates to 65-75 kDa based on Tris-Bis PAGE result.

NCBI Accession: [XP_038543911](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as 0.22 µm filtered solution in PBS (pH 7.4).

Storage: -80 °C

Storage Comment: Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months