

Datasheet for ABIN7583241
MPL Protein (AA 22-489) (His tag)



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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
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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