

Recombinant Human MPL Protein (26-491 aa), His-tagged

Cat. No. MPL-1460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MPL Protein (26-491 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	26-491 aa
Description	Receptor for thrombopoietin. May represent a regulatory molecule specific for TPO-R-dependent immune responses.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	54.5 kDa
AA Sequence	QDVSLASDSEPLKCFSRTEFDTLCFWDEEEAAPSGTYQLLYAYPREKPRACPLSS QSMPHFGTRYVCQFPDQEEVRLFFPLHLWVKNVFLNQTRTQRVLFVDSVGLPAPPS I IKAMGGSQPGELQISWEEPAPEISDFLRYELRYGPRDPKNSTGPTVIQLIATETCCP ALQRPHSASALDQSPCAQPTMPWQDGPQKQTSPSREASALTAEGGSCLISGLQPGN SYWLQLRSEPDGISLGGSWGSWSLPVTVDLPDAVALGLQCFTLDLKNVTCQWQQ QDHASSQGFFYHSRARCCPRDRYPIWENCEEEEEKTNPGLQTPQFSRCHFKSRNDS I IHILVEVTTAPGTVHSYLGSPFWIHQAVRLPTPNLHWREISSGHLELEWQHPSSWAA QETCYQLRYTGEQHGDWKVLEPLGARGGTLELRPRSRYRLQLRARLNGPTYQGP

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	WSSWSDPTRVETATETAW
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

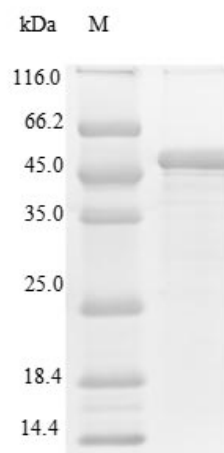
GENE INFORMATION

Gene Name	MPL myeloproliferative leukemia virus oncogene [Homo sapiens]
Official Symbol	MPL
Synonyms	MPL; CD110; TPOR; TPO-R; MPLV; C-MPL; THCYT2;
Gene ID	4352
mRNA Refseq	NM_005373
Protein Refseq	NP_005364
MIM	159530
UniProt ID	P40238

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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