

## Product datasheet for TP723885

### Thpo (NM\_001173505) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thrombopoietin (Thpo), transcript variant 2
Species:	Mouse
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	Mouse TPO, the region of Ser22-Thr356, from gene Accession# NP_001166976.1
Tag:	Tag Free
Predicted MW:	35.5 kDa
Concentration:	lot specific
Purity:	>90%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS, pH 7.2
Bioactivity:	The ED50 is less than 0.8 ng/ml.
Endotoxin:	Less than 1.0 EU per µg of protein as determine by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	<a href="#">NP_001166976</a>
Locus ID:	21832
UniProt ID:	<a href="#">P40226</a> , <a href="#">Q543R9</a>
RefSeq Size:	2262
Cytogenetics:	16 12.51 cM
RefSeq ORF:	1071
Synonyms:	Mgdf; MI; Mp; Mpllg; T; Tpo


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**Summary:**

This gene encodes a humoral growth factor necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. The encoded protein is a ligand for the product of the myeloproliferative leukemia virus oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

**Product images:**
