

Product datasheet for **TP723456**

Thpo (NM_031133) Rat Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Rat thrombopoietin (Thpo).
Species:	Rat
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	SPVPPACDPR LLNKLLRDSY LLHSRLSQCP DVNPLSIPVL LPAVDFSLGE WKTQTEQSKA QDILGAVSLL LEGVMAARGQ LEPSCLSSLL GQLSGQVRL LGALQGLLGT QLPPQGRTTA HKDPSALFLS LQQLLRGKVR FLLLVEGPAL CVRRTLPTTA VPSRTSQQLLT LNKF
Tag:	Tag Free
Predicted MW:	18.7 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to stimulate the proliferation of human MO7e cells. The expected ED50 is less than or equal to 0.2 ng/ml, corresponding to a specific activity of > 5 x 10 ⁶ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_112395
Locus ID:	81811
UniProt ID:	P49745
RefSeq Size:	1406
Cytogenetics:	11q23
RefSeq ORF:	978
Summary:	lineage-specific cytokine; important for proliferation and development of megakaryocytes and platelets; may be the major regulator of circulating platelets [RGD, Feb 2006]



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Product images:

