

Product datasheet for **TP723399**

Kitlg (NM_021843) Rat Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Rat KIT ligand (Kitlg).
Species:	Rat
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MQEICRNPVT DNVKDITKLV ANLPNDYMIT LNYVAGMDVL PSHCWL RDMV THLSVSLTTL LDKFSNISEG LSNYSIIDKL GKIVDDL VAC MEENAPKNVK ESLKKPETR N FTPEEFSIF NRSIDAFKDF MVASDTSDCV LSSTLGPEKD SRVSVTKPFM LPPVA
Tag:	Tag Free
Predicted MW:	18.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by the dose-dependent stimulation of the proliferation of the human TF-1 cells. The expected ED50 for this effect is 20 - 40 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_068615
Locus ID:	60427
UniProt ID:	P21581
RefSeq Size:	5360
Cytogenetics:	7q21
RefSeq ORF:	819
Synonyms:	Kitl; Mgf; SCF
Summary:	soluble growth factor that activates c-kit tyrosine kinase receptor; important for signaling in spermatogenesis; putative regulator of Leydig cell development [RGD, Feb 2006]



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Product images:

