

## Product datasheet for **TP723249**

### **IL9 (NM\_008373) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse interleukin 9 (IL9).
<b>Species:</b>	Mouse
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MQRCSTTWGI RDTNYLIENL KDDPPSKCSC SGNVTSCCL SVPTDDCTTP CYREGLLQLT NATQKSRLLP VFHRVKRIVE VLKNITCPSF SCEKPCNQTM AGNTMSFLKS LLGTFQKTEM QRQKSRP
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	14.3 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Bioactivity:</b>	The ED50 as determined by the dose-dependent proliferation of human MO7e cells is > 0.5 ng/ml, corresponding to a specific activity of > 2 x 10 <sup>6</sup> units/mg.
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_032399</a>
<b>Locus ID:</b>	16198
<b>UniProt ID:</b>	<a href="#">P15247</a>
<b>RefSeq Size:</b>	536
<b>Cytogenetics:</b>	13 30.06 cM
<b>RefSeq ORF:</b>	432
<b>Synonyms:</b>	IL-9; P40
<b>Summary:</b>	Supports IL-2 independent and IL-4 independent growth of helper T-cells.[UniProtKB/Swiss-Prot Function]



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