

Product datasheet for **TP723762**

IL7 (NM_008371) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 7 (IL7)
Species:	Mouse
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	Mouse IL-7, the region of Glu26 -Ile154, from gene Accession# NM_008371.4
Tag:	Tag Free
Predicted MW:	17 kDa
Concentration:	lot specific
Purity:	>95%, as determined by Coomassie stained SDS-PAGE.
Buffer:	10 mM NaH ₂ PO ₄ , 150 mM NaCl, pH 7.2
Bioactivity:	The ED50 is 1.0 - 5 ng/ml, corresponding to a specific activity of 0.2 - 1 x 10 ⁶ units/mg, determined by PHA activated PBL proliferation induced by IL-7 in a dose dependent manner. Under this condition the bioactivity is equivalent
Endotoxin:	Less than 0.01 ng per µg protein as determined 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:	NP_032397
Locus ID:	16196
UniProt ID:	P10168 , Q544C8
RefSeq Size:	2475
Cytogenetics:	3 2.02 cM
RefSeq ORF:	462
Synonyms:	A630026I06Rik; hlb36; hlb368; Il; IL-7



[View online »](#)

Summary:

The protein encoded by this gene is a hematopoietic growth factor important for B and T cell development. Alternative splicing results in several transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]