

Product datasheet for **TP723244**

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:	E. coli
Expression cDNA Clone or AA Sequence:	MECHIKDKEG KAYESVLMIS IDELDKMTGT DSNCPPNEPN FFRKHVCDT KEAAFLNRAA RKLKQFLKMN ISEEFNVHLL TVSQGTQTLV NCTSKEEKNV KEQKNDACF LKRLLEIKT CWNKILKGS
Tag:	Tag Free
Predicted MW:	15 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:	The ED50 as determined by the dose-dependent stimulation of the proliferation of murine 2E8 cells is < 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_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



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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]

Product images: