

Product datasheet for TP527281

IL6 (NM_031168) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 6 (IL6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227281 representing NM_031168 Red =Cloning site Green =Tags(s)
	 MKFLSARDFHPVAFLGLMLVTTTAFPTSQVRRGDFTEDTTPNRPVYTTSQVGGGLITHVLWEIVEMRKELC NGNSDCMNNDDALAENNLKLEIQRNDGQYQTGYNQEICLLKISSGLLEYHSYLEYMKNNLKDNDKDKAR VLQRDTETLIHIFNQEVKDLHKIVLPTPISNALLTDKLESQKEWLRTKTIQFILKSLEEFKVTLRSTRQ T TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_112445
Locus ID:	16193
UniProt ID:	P08505 , A2RTD1
RefSeq Size:	1087



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Cytogenetics: 5 15.7 cM

RefSeq ORF: 633

Synonyms: Il; Il-6

Summary: This gene encodes a member of the interleukin family of cytokines that have important functions in immune response, hematopoiesis, inflammation and the acute phase response. The ectopic overexpression of the encoded protein in mice results in excessive plasma cells in circulation, leading to death. Mice lacking the encoded protein exhibit abnormalities in hepatic acute phase response, some immune mechanisms, bone resorption in response to estrogen, liver regeneration and wound healing. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]