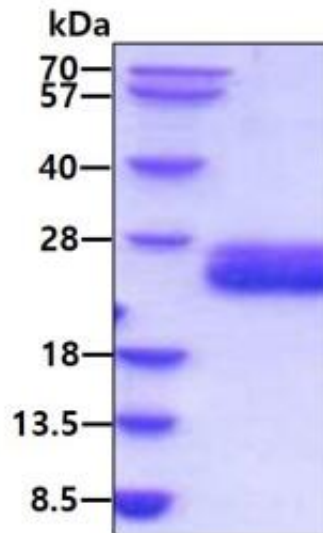


Recombinant Mouse Il6 Protein (25-211aa), C-His-Tagged

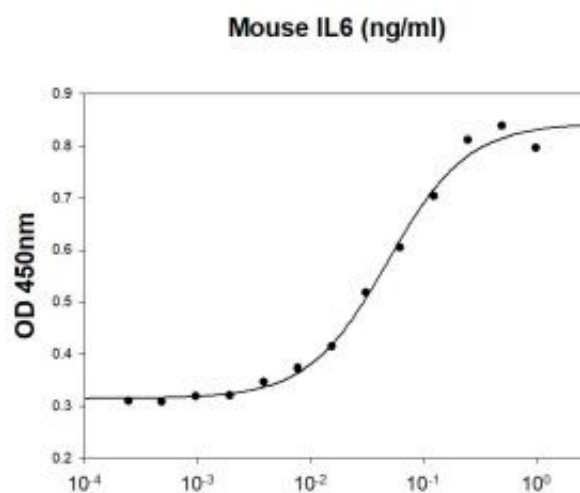
Product Information

Cat	IMP-9365
Official Symbol	Il6
Product Overview	Recombinant mouse Il6, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Description	Il6, also known as Interleukin-6, is a cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. This protein plays an essential role in the final differentiation of B-cells into Ig \square secreting cells involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation.
Expression System	Baculovirus
Species	Mouse
Tag	C-His
Form	Liquid in Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Molecular Mass	22.5 kDa (193 aa) confirmed by MALDI-TOF
Protein length	25-211
AA Sequence	FPTSQVRRGDFTEDTTPNRPVYTTSQVGGLITHVLWEIVEMRKELCNGNS DCMNNDDALAENNLKLPFIQRNDGCYQTGYNQEICLLKISSGLLEYHSYL EYMKNNLKDKNKDKARVLQRDTETLIHIFNQEVKDLHKIVLPTPISNALLTD KLESQKEWLRTKTIQFILKSLEEFKLVTLRSTRQT<HHHHHH>
Endotoxin	< 1 EU/ μ g of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Notes	Note: For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by absorbance at 280nm)
SDS-PAGE	



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

Bioactivity-ELISA 1



Measured in a cell proliferation assay using M-NFS-60 mouse B cell. The ED50 for this effects is less or equal to 0.1 ng/mL.