

Product Datasheet

Mouse IL6 protein (Active) (orb359012)

Description	Recombinant mouse IL6 active protein
Endotoxins	Less than 1.0 EU/μg as determined by LAL method.
Preservatives	Lyophilized from a 0.2 μm filtered solution in 30 mM Acetic Acid, pH 3.0, 150 mM NaCl, 5 % Trehalose, 0.02 % Tween-20.
Form/Appearance	Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	Tag-Free
Note	For research use only
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Protein Sequence	M+FPTSQVRRGDFTEDTTPNRPVYTTSQVGGGLITHVLWEIVEMRKELCNGNSDCMNNDD ALAENNLKLPFIQRNDGCYQTGYNQEI CLLKISSGLLEYHSYLEYMKNNLKDNNKDKARVLQ RDTETLIHIFNQEVKDLHKIVLPTPISNALLTDKLESQKEWLRTKTIQFILKSLEEFKVTLRSTR QT
Biologically Active?	Yes
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by the dose-dependent stimulation of the proliferation of IL-6-dependent murine 7TD1 cells is less than 0.02 ng/ml, corresponding to a specific activity of \square 5 × 107 IU/mg.
Purity	> 97% as determined by SDS-PAGE and HPLC.

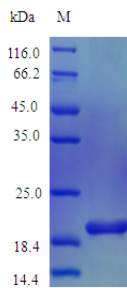
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Source	E.Coli
MW	21.7 kDa
Uniprot ID	P08505
Expiration Date	6 months from date of receipt.

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