



Mouse IL6 peptide (DAG308)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Mouse IL-6 is a single, non-glycosylated polypeptide chain containing 187 amino acids and having a molecular weight of 21,709 Da. The sequence of the first five N-terminal amino acids was determined to be Met-Phe-Pro-Thr-Ser. Contains less than 1%
Species	Mouse
Conjugate	Unconjugated
Applications	The ED ₅₀ as determined by dose-dependent stimulation of mouse 7TD1 is and is 0.02 ng/ml, corresponding to a specific activity of 1 x 10 ⁷ IU/mg. Each laboratory should determine an optimum working titer for use in its particular application. Other applications
Format	Purified, Lyophilized. Reconstitute using 100mM acetic acid to 0.1-1.0 mg/ml to regain full activity. Further dilutions can be made in other aqueous buffers.
Concentration	1 mg/ml (OD _{280nm}) (prior to lyophilization)
Buffer	Lyophilized from 50mM NH ₄ HCO ₃ , pH 8.0
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	This is an antibody fragment consisting of a single monomeric variable antibody domain directed to IL6. Nanobody, with a molecular weight of only 12–15 kDa, is able to bind selectively to a specific antigen like a whole antibody.
Keywords	IL6; interleukin 6 (interferon, beta 2); IFNB2; interleukin-6; BSF2; HGF; HSF; IL 6; CDF; BSF-2; IFN-beta-2; interferon beta-2; interleukin BSF-2; hybridoma growth factor; CTL differentiation

GENE INFORMATION

Entrez Gene ID [3569](#)

UniProt ID [B4DVM1](#)
