

Product Datasheet

Human IL-6 Protein (orb257601)

Catalog Number	orb257601
Category	Proteins
Description	Human IL-6, premium grade is expressed from human 293 cells (HEK293). It contains AA Val 30 - Met 212 (Accession # NP_000591.1).
Target	IL-6
Conjugation	Unconjugated
Tag	Native
Reactivity	Human
Form/Appearance	Powder
Buffer/Preservatives	PBS, pH 7.4
Purity	95%
UniProt ID	NP_000591.1
MW	20.8 kDa
Application notes	This protein carries no "tag". The protein has a calculated MW of 20.8 kDa. The protein migrates as 23-29 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Expression System	HEK293
Endotoxins	0.01 EU per µg
Expression Region	Val 30 - Met 212

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

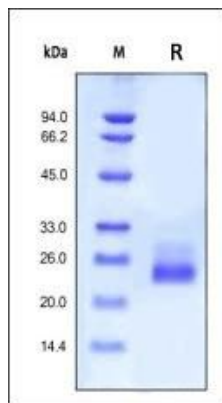
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Storage

-20°C to -70°C for 12 months in lyophilized state;. -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower

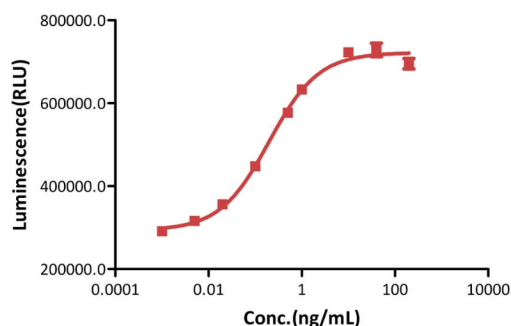
Note

For research use only



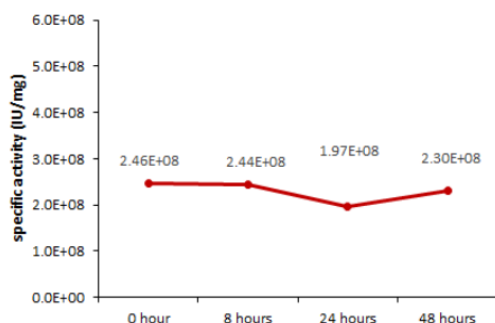
SDS-PAGE analysis of Human IL6 protein

Human IL-6, premium grade stimulates proliferation of TF-1 cells



Human IL-6, stimulates proliferation of TF-1 human erythroleukemic cell line. The specific activity of Human IL-6 is $> 1.00 \times 10^8$ IU/mg, which is calibrated against human IL-6 WHO International Standard

37°C Accelerated Stability (Reconstituted protein)



The Cell based assay shows that Human IL-6 Protein is stable at 37°C for 48 hours

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558