

Product Datasheet

Recombinant Human Interleukin-6 (IL6) Protein (Active) (orb1881858)

Catalog Number	orb1881858
Category	Proteins
Description	This Recombinant Human Interleukin-6 (IL6) Protein (Active) spans the amino acid sequence from region 30-212aa. Purity: Greater than 95% as determined by SDS-PAGE
Tag	N-terminal 6xHis-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Purity	Greater than 95% as determined by SDS-PAGE
Protein Sequence	VPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESSKEALAENNLNLPKMAEKDGCFCQSGFNEETCLVKIITGLLEFEVYLEYLQNRFSSESSEQARAVQMSTKVLIQFLQKKAKNLDAITTPDPTTNASLLTKLQAQNQWLQDMTTHLILRSFKEFLQSSLRALRQM
Protein Length	Full Length of Mature Protein
UniProt ID	P05231
MW	22.8 kDa
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.
Endotoxins	Less than 1.0 EU/µg as determined by LAL method.

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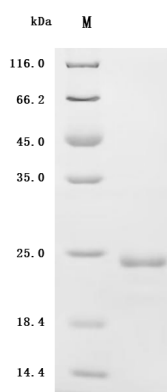
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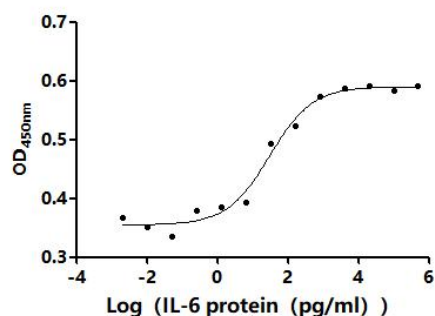
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Source	Yeast
Biological Origin	Homo sapiens (Human)
Biological Activity	The ED50 as determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is 58 - 295 pg/mL
Expression Region	30-212aa
Storage	The shelf life is related 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.
Note	For research use only
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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