

Recombinant Human IL-6 R alpha/CD126 Protein, His tag

产品信息

产品名称	产品编号	规格
Recombinant Human IL-6 R alpha/CD126 Protein, His tag	93919ES25	25 µg
	93919ES60	100 µg
	93919ES76	500 µg
	93919ES80	1 mg

产品简介

Interleukin 6 receptor (IL-6R), also known as CD126 (cluster of differentiation 126), is a type I cytokine receptor. IL6Ra is part of the IL-6R. Low concentrations of the soluble form of the IL-6 receptor (SIL-6R) act as agonists for IL-6 activity. Dysregulation of IL6 and this receptor has been implicated in the pathogenesis of many diseases such as multiple myeloma, autoimmune diseases and prostate cancer. Furthermore, high levels of IL-6 and SIL-6R have been reported in several chronic inflammatory and autoimmune diseases, as well as in cancer.

性能参数

Synonyms	IL6R,CD126,IL-6R-1,IL-6RA,IL6RA,IL-6R-alpha,IL6RQ,gp80
Uniprot No.	P08887
Source	Recombinant Human IL-6RA Protein is expressed from HEK293 Cells with His tag at the C-terminal. It contains Leu 20 - Pro 365.
Molecular Weight	The protein has a predicted MW of 39.4 kDa. And it migrates as 55-75 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity	> 95% as determined by SDS-PAGE.
Endotoxin	<1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge tubes before opening.The concentration of protein solution used for lyophilization is generally 1mg/mL. Dissolve lyophilized protein with sterile water to ensure the concentration is greater than 100 µg/mL.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

产品数据

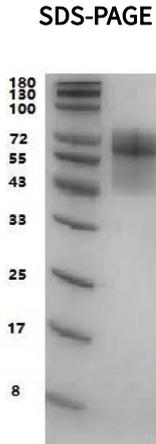


Figure 1. Human IL-6RA on SDS-PAGE under reduced condition. The purity is greater than 95%.

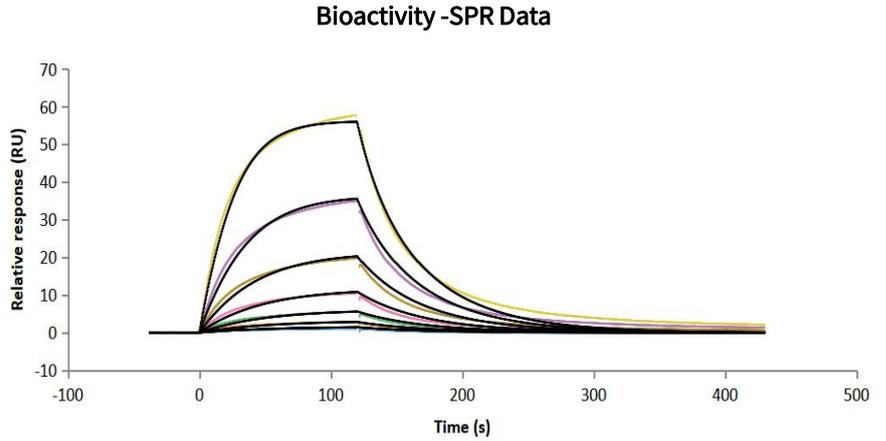


Figure 2. Human IL-6, his tag immobilized on CM5 chip can bind Human IL-6RA, his Tag with an affinity constant of 1.19×10^{-8} M as determined in a SPR assay (Biacore 8K).