

## Product datasheet

# Recombinant Human IL-6R protein (Fc Chimera) ab214159

### Description

<b>Product name</b>	Recombinant Human IL-6R protein (Fc Chimera)	
<b>Purity</b>	>= 98 % SDS-PAGE.	
<b>Endotoxin level</b>	< 0.060 Eu/µg	
<b>Expression system</b>	CHO cells	
<b>Accession</b>	<a href="#">P08887</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	LAPRRCPAQEVARGVLTSLPGDSVTLTCPGVEPEDNATV HWVLRKPAAGS HPSRWAGMGRRLLLRVQLHDSGNYSYRAGRPAAGTVH LLVDVPPEEPQL SCFRKSPLSNVCEWGRSTPSLTTKAVLLVRKFNQNSPA EDFQEPCQYSQ ESQKFSCQLAVPEGDSSFYVSMCVASSVGSKFSKTQTF QGCGILQPDPP ANITVTAVARNPRWLSVTWQDPHSWNSSFYRLRFELRYR AERSKTFTTWM VKDLQHHCVIHDAWSGLRHVVQLRAQEEFGQGEWSEWS PEAMGTPWTESR SPPAENEVSTPMQALTTNKDDDNILFRDSANATSLPVQD S	
<b>Predicted molecular weight</b>	38 kDa	
<b>Amino acids</b>	20 to 359	
<b>Additional sequence information</b>	Fused to the N-terminus of the Fc region of Human IgG1 (NP_000556.1).	

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab214159** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Lyophilized

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Avoid freeze / thaw cycle.  Constituent: 100% PBS  Lyophilized from 0.2µm filtered solution.
<b>Reconstitution</b>	Reconstitute 50 µg vial in 50 µl sterile water. Add 1X PBS to the desired protein concentration.

## General Info

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<b>Function</b>	Part of the receptor for interleukin 6. Binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitate an association with IL6ST. Activation may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity.
<b>Tissue specificity</b>	Isoform 2 is expressed in peripheral blood mononuclear cells and weakly found in urine and serum.
<b>Sequence similarities</b>	Belongs to the type I cytokine receptor family. Type 3 subfamily. Contains 1 fibronectin type-III domain. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
<b>Domain</b>	The two fibronectin type-III-like domains, contained in the N-terminal part, form together a cytokine-binding domain. The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.
<b>Post-translational modifications</b>	A short soluble form may also be released from the membrane by proteolysis.
<b>Cellular localization</b>	Secreted and Basolateral cell membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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