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Datasheet for ABIN6253436

IL-6 Receptor Protein (AA 20-359) (Fc Tag)

Overview

Quantity:	50 µg
Target:	IL-6 Receptor (IL6R)
Protein Characteristics:	AA 20-359
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-6 Receptor protein is labelled with Fc Tag.

Product Details

Purpose:	IL-6R (human):Fc (human) (rec.)
Specificity:	The extracellular domain of human IL-6R (aa 20-359) is fused to the N-terminus of the Fc region of human IgG1.
Characteristics:	<p>Protein. The extracellular domain of human IL-6R (aa 20-359) is fused to the N-terminus of the Fc region of human IgG1. Source: CHO cells. Endotoxin content: <0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >98 % (SDS-PAGE). Interleukin-6 (IL-6) is a multifunctional factor, which exerts its activities through binding to a highaffinity receptor complex consisting of two membrane glycoproteins: an 80 kDa component receptor that binds IL-6 with low affinity (IL-6Ralpha) and a signal transducing component of 130 kDa (gp130) that does not bind IL-6 by itself, but is required for highaffinity binding of IL-6 by the complex. A soluble form of the IL-6Ralpha has been found in the urine of healthy adult humans.</p>
Purity:	>98 % (SDS-PAGE)

Product Details

Endotoxin Level: <0.06EU/μg protein (LAL test, Lonza).

Target Details

Target: IL-6 Receptor (IL6R)

Alternative Name: IL-6R ([IL6R Products](#))

Background: Alternate Names/Synonyms: CD126, gp80, Interleukin-6 receptor subunit alpha, IL6RA
Product Description: Interleukin-6 (IL-6) is a multifunctional factor, which exerts its activities through binding to a highaffinity receptor complex consisting of two membrane glycoproteins: an 80 kDa component receptor that binds IL-6 with low affinity (IL-6Ralpha) and a signal transducing component of 130 kDa (gp130) that does not bind IL-6 by itself, but is required for highaffinity binding of IL-6 by the complex. A soluble form of the IL-6Ralpha has been found in the urine of healthy adult humans.

NCBI Accession: [NP_000556](#)

Pathways: [JAK-STAT Signaling](#), [Autophagy](#), [Growth Factor Binding](#), [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized from 0.2μm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.