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Datasheet for ABIN7319374 IL6RA Protein (His tag)

Overview

Quantity:	50 µg
Target:	IL6RA
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL6RA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IL6RA/CD126 Protein (His Tag)
Sequence:	Leu20-Asp358
Characteristics:	Recombinant Human Interleukin-6 receptor subunit alpha is produced by our Mammalian expression system and the target gene encoding Leu20-Asp358 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL6RA
Alternative Name:	IL6RA/CD126 (IL6RA Products)
Background:	Background: Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. IL6Ra is a part of the

Target Details

receptor for interleukin 6 cytokine. IL6Ra binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitates 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. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer.

Synonym: Interleukin-6 receptor subunit alpha,IL-6R subunit alpha,IL-6R-alpha,IL-6R1,Membrane glycoprotein 80,gp80,CD126,IL-6R,IL-6R-1,IL-6RA,IL6Q,IL6RQ

Molecular Weight: 38.9 kDa

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

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.