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IL-6R Recombinant Protein

CATALOG NUMBER: 90-488

Specifications

SPECIES:	Mouse
SOURCE SPECIES:	CHO cells
SEQUENCE:	The extracellular domain of mouse IL-6R (aa 20-357) is fused to the N-terminus of the Fc region of mouse IgG2a.
FUSION TAG:	Fc Tag
TESTED APPLICATIONS:	
APPLICATIONS:	This recombinant proteins is for research use only.
BIOLOGICAL ACTIVITY:	Measured by its binding ability in a functional ELISA.

Properties

PURITY:	>98% (SDS-PAGE). Endotoxin level is less than 0.06EU/ ug protein (LAL test; Lonza).
PHYSICAL STATE:	Lyophilized
BUFFER:	Lyophilized from 0.2um-filtered solution in PBS. Reconstitute at 100 ug/ml in sterile PBS.
STORAGE CONDITIONS:	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.

Additional Info

ALTERNATE NAMES:	Interleukin-6 Receptor Subunit alpha, IL6RA, CD126
ACCESSION NO.:	CAA37810
PROTEIN GI NO.:	52693

Background

Interleukin 6 receptor (IL-6R; CD126) is a type I cytokine receptor, which is a protein complex consisting of an IL-6 receptor subunit (IL-6R) and interleukin 6 signal transducer glycoprotein 130 (gp130). It is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in immune response. Dysregulated production of IL-6 and IL-6R are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer.

FOR RESEARCH USE ONLY

February 23, 2018