

PRODUCT DATA SHEET

COMPLEX

Complex Biotech Co., Ltd

CD126 Recombinant Protein

Catalog: BCP3389

Host: E.coli

Tag: His-tag

BackGround:

The IL-6 receptor is a heterodimeric complex that consists of a ligand-binding IL-6 receptor α (IL-6R α) subunit and a signaling component, gp130. Binding of IL-6 to IL-6R α results in dimerization of receptor with gp130 and subsequent STAT3 activation (1). IL-6R α is cleaved from the cell surface by ADAM17. In humans, soluble IL-6R α is also generated via alternatively spliced mRNA. Soluble IL-6R α binds to IL-6 and can stimulate signaling via membrane bound gp130 in a process known as “trans-signaling”. It is through trans-signaling that IL-6 stimulates cells that do not express membrane bound IL-6R α .

Product:

PBS, 4M Urea, PH7.4

Molecular Weight:

~44kDa

Swiss-Prot:

P08887

Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the

purity is > 85% (by SDS-PAGE).

Restriction Sites:

NdeI-XhoI

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Expression Vector:

pet-22b(+)

DATA:



SDS-PAGE Result

Note:

For research use only, not for use in diagnostic procedure.