

Human IL12A & IL12B recombinant protein (Native)



Catalog Number: 514836

General Information

Gene Name Synonym:

Protein Construction:

A DNA sequence encoding the human IL12A (NP_000873.2)(Met 1- Ser219) was expressed, constructed the plasmid 1; A DNA sequence encoding the human IL12B (NP_002178.2)(Met 1- Ser328) was expressed, constructed the plasmid 2. The two plasmids were co-expressed and the human IL12A&IL12B heterodimer was purified.

Source:Human

Expression Host:Human Cells

QC Testing

Activity:

Purity:

> (33.5+63.7) % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Stability:

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal:

Arg23&Ile23

Molecular Mass:

The recombinant heterodimer of human IL12A&IL12B comprises 503 (197+306) amino acids and has a calculated molecular mass of 57.2(22.5+34.7) KDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
2. Please contact us for any concerns or special requirements.

Usage Guide

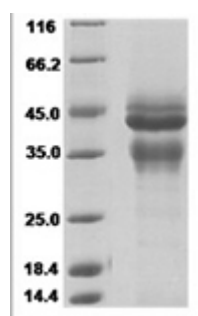
Storage:

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution:

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE:



Human IL12/IL12A & IL12B Protein 14757