Recombinant Mouse IL-12B/IL-12 p40 Protein

Catalog No.: RP01661

www.abclonal.com

Sequence Information

Species
Mouse

Gene ID
16160

Swiss Prot
P43432

Tags
C-6his

Synonyms
p40; Il-12b; Il12p40; Il-12p40;IL12B

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
36.63 kDa

Observed MW
45-55 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Subunit beta of interleukin 12 (also known as natural killer cell stimulatory factor 2, or cytotoxic lymphocyte maturation factor 2, p40) (IL12B) is a subunit of human interleukin 12. IL12B/IL-12B is a cytokine that acts on T and natural killer cells and has a broad array of biological activities.

Basic Information

Description
Recombinant Mouse IL-12B/IL-12 p40 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met23-Ser335) of mouse IL-12B (Accession #NP_001152896.1) fused with and a 6×His tag at the C-terminus.

Activity
Measured by its binding ability in a functional ELISA.Immobilized Mouse IL12B (Catalog: RP01661) at 5 μg/mL (100 μL/well) can bind Human IL12RB1 with a linear range of 0.001-1.3 ng/mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

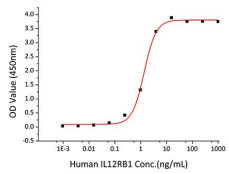
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

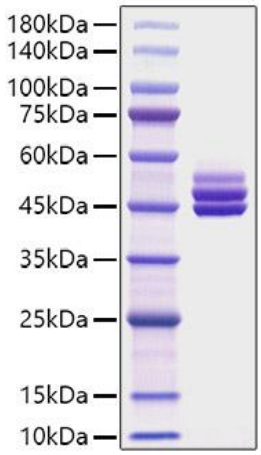
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Immobilized Mouse IL12B (Catalog: RP01661) at 5 μg/mL (100 μL/well) can bind Human IL12RB1 with a linear range of 0.001-1.3 ng/mL.



Recombinant Mouse IL-12B/IL-12 p40 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.