Datasheet for ABIN6700944

IL-17A/F Protein

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	IL-17A/F
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Mouse Interleukin-17AF Heterodimer Recombinant Protein
Purification:	Interleukin-17AF Heterodimer purity was determined to be greater than 98% as determined by HpLC, analysis by UV-Spectroscopy at 280nm, and by reducing and non-reducing SDS-pAGE.
Purity:	98,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	Measured by LAL is typically ≤ 1 EU/µg protein.

Target Details

Target:	IL-17A/F
Alternative Name:	IL-17AF Heterodimer (IL-17A/F Products)
Background:	Synonyms: IL17 heterodimer, IL17AF heterodimer, CTLA-8 ML-1 dimer, Interleukin 17AF, Interleukin-17AF heterodimer Background: Interleukin-17AF (IL-17AF) is a member of the IL-17 family of proteins produced by

Target Details

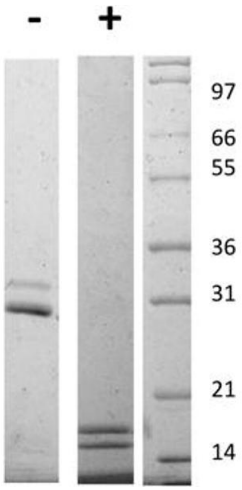
	a subset of T cells, called Th17, following stimulation with IL-23. Since IL-17AF is thought to signal through the IL-17R receptor, its biological function is similar to that of IL-17A in that it induces the production of a variety of chemokines, in addition to airway neutrophilia. In regard to these functions, IL-17AF has less activity than the IL-17A homodimer but, greater activity than the IL-17F homodimer. Human and rat IL-17AF both show activity on mouse cells. Recombinant mouse IL-17AF is a non-glycosylated, disulfide-linked heterodimer. It is containing one IL-17A subunit and one IL-17F subunit, with a total of 271 amino acids and an molecular weight of 30.7 kDa.
UniProt:	Q62386

Application Details

Application Notes:	Other: User Optimized Application_Note: Interleukin-17AF Heterodimer Recombinant Protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-Interleukin-17AF Heterodimer in immunological assays.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution_Buffer: Restore with deionized water (or equivalent) Reconstitution_Volume: 100 µL
Buffer:	Buffer: 0.1 % Trifluoroacetic acid Stabilizer: None
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.
Expiry Date:	6 months



SDS-PAGE

Image 1. SDS-PAGE of Mouse Interleukin-17AF Heterodimer Recombinant Protein SDS-PAGE of Mouse Interleukin-17 Animal Free Recombinant Protein. Lane 1: 1 µg Mouse IL-17 AF in non-reducing conditions . Lane 2: 1 µg Mouse IL-17 AF in reducing conditions (+). Lane 3: Molecular weight marker. Mouse IL-17 AF is a heterodimer with a predicted total MW of 30.7 kDa.