

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic in





DATA SHEET

GFH82

Recombinant Human IL-9

Description

Interleukin-9 (IL-9) is a cytokine produced by type 2 T helper (Th2) cells and regulates hematopoietic cells. IL-9 signals through the interleukin-9 receptor (IL9R) to activate STAT signaling. IL-9 functions to induce cell proliferation, prevent cell apoptosis, and is associated with asthma and airway hyperresponsiveness.

Length127 aaMolecular Weight14.3 kDaSourceE. coliAccession NumberP15248

Purity ≥95% determined by reducing and non-reducing SDS-PAGE

Specifications

Alternative Names Interleukin-9, interleukin 9, IL9, IL 9

Biological Activity Human IL-9 is fully biologically active when compared to standard. The activity is determined by the ability to

induce MO7e cells proliferation and it is typically less than 2 ng/ml. This corresponds to an expected specific

activity of 5 x 105 units/mg.

Endotoxin Level ≤1.00 EU/µg as measured by kinetic LAL

Formulation Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)

AA Sequence MQGCPTLAGI LDINFLINKM QEDPASKCHC SANVTSCLCL GIPSDNCTRP CFSERLSQMT

NTTMQTRYPL IFSRVKKSVE VLKNNKCPYF SCEQPCNQTT AGNALTFLKS LLEIFQKEKM RGMRGKI

Preparation and Storage

ReconstitutionCentrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized

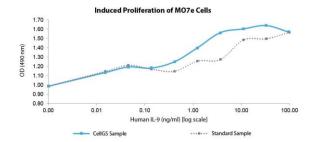
product with sterile 10 mM HCl at 0.1 mg/ml, which can be further diluted into other aqueous solutions.

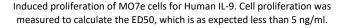
Stability and Storage 12 months from date of receipt when stored at -20°C to -80°C as supplied.

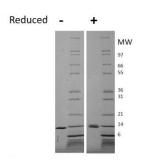
1 month when stored at 4°C after reconstituting as directed.

3 months when stored at -20°C to -80°C after reconstituting as directed.

Data







Non-reducing (-) and reducing (+) conditions in a 4 - 20% Tris-Glycine gel stained with Coomassie Blue. 1 µg of protein was loaded in each lane. Human IL-9 has a predicted Mw of 14.3 kDa.