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Produktinformation



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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](https://www.linkedin.com/company/szaboscandic) 

Datasheet

KITLG (Human) Recombinant Protein

Catalog Number: P9958

Regulation Status: RUO grade

Product Description: Human KITLG recombinant protein with His tag at the C-terminus expressed in *Escherichia coli*.

Host: *Escherichia coli*

Theoretical MW (kDa): Calculated MW: 19.4

Regulatory Status: RUO grade

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purity: > 98% by SDS-PAGE

Endotoxin Level: < 0.1 EU/ug

Activity: The ED₅₀ for this effect is < 5 ng/mL, measured by its ability to induce TF-1 cells proliferation. The specific activity of recombinant human SCF is > 5 x 10⁵ IU/mg.

Recommend Usage: SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from PBS, pH 7.4.
Reconstitute the lyophilized protein in sterile H₂O to a concentration of at least 200 ug/mL and incubate the stock solution for at least 20 min to ensure sufficient redissolution. Please use the protein within one month after reconstitution.

Storage Instruction: Store at -20°C for 12 months in lyophilized state.
After reconstitution with deionized water, store at -20 or -80°C for 1 month.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4254

Gene Symbol: KITLG

Gene Alias: DKFZp686F2250, KL-1, Kitl, MGF, SCF, SF, SHEP7

Gene Summary: This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]