



# SZABO SCANDIC

Part of Europa Biosite

## 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

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## Datasheet

### KITLG (Human) Recombinant Protein

**Catalog Number:** P9181

**Regulation Status:** For research use only (RUO)

**Product Description:** Human KITLG recombinant protein with His tag in C-terminus expressed in insect cells.

**Host:** insect

**Theoretical MW (kDa):** 18.4

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

**Specificity:** SCF Human, Sf9

**Form:** Lyophilized

**Preparation Method:** Insect cell expression system

**Purification:** chromatographic

**Purity:** > 98% as determined by SDS-PAGE.

**Activity:** ED<sub>50</sub> is 1-5 ng/mL, measured by the dose-dependent stimulation of Human TF-1 cells.

**Storage Buffer:** Lyophilized from IX PBS solution, pH7.4. Reconstitute the lyophilized powder in 10 mM acetic acid to 100 ug/mL.

**Storage Instruction:** Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).  
Avoid repeated freeze/thaw cycles.

**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]