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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

KITLG (Human) Recombinant Protein

Catalog Number: P9178

Regulation Status: For research use only (RUO)

Product Description: Human KITLG recombinant protein expressed in *Escherichia coli*.

Host: *Escherichia coli*

Theoretical MW (kDa): 18.4

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

Purification: chromatographic

Purity: > 98% as determined by (a) SEC-HPLC.(b) SDS-PAGE.

Activity: ED₅₀ < 2 ng/mL, determined by the dose-dependant stimulation of Human TF-1 cells, corresponding to a specific activity of 5 x 10⁵ IU/mg.

Storage Buffer: Protein (1 mg/mL) was lyophilized from a solution containing 0.02% NaHCO₃. Reconstitute the lyophilized powder in ddH₂O 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]