

Bioactive

# Kitl (Mouse) Recombinant Protein

Catalog # P7310

Size 10 ug

## Applications

### Result of activity analysis

Result of activity analysis

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## Specification

Product Description	Mouse Kitl (P20826, 26 a.a. - 189 a.a.) partial recombinant protein expressed in <i>Pichia pastoris</i> .
Sequence	MTKEICGNPVTDNVKDITKLVANLPNDYMITLNYVAGMDVLP SHCWLRDMVIQLSLSLTLLDKFSN ISEGLSNYSIIDKLGKIVDDL VLCMEENAPKNIKESPKRPETRSFTPEEFFSIFNRSIDAFKDFMVAS DTSDCVLSSTLGPEKDSRVSVTKPFMLPPVA
Host	Yeast
Theoretical MW (kDa)	18.4
Form	Lyophilized
Preparation Method	<i>Pichia pastoris</i> expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/μg of protein by gel clotting method
Activity	ED <sub>50</sub> < 10.0 ng/mL, measured by a cell proliferation assay using human TF-1 cells, corresponding to a specific activity of > 1.0 × 10 <sup>5</sup> units/mg.

**Recommend Usage**

Biological Activity  
SDS-PAGE  
The optimal working dilution should be determined by the end user.

**Storage Buffer**

Lyophilized from PBS. Reconstitute the lyophilized powder in ddH<sub>2</sub>O up to 100 ug/mL.

**Storage Instruction**

Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

Result of activity analysis  
Result of activity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — Kitl

**Entrez GeneID**

[17311](#)

**Protein Accession#**

[P20826](#)

**Gene Name**

Kitl

**Gene Alias**

Clo, Con, Gb, Kitlg, Mgf, SCF, SF, SLF, SI, Steel, contrasted

**Gene Description**

kit ligand

**Gene Ontology**

[Hyperlink](#)

**Other Designations**

OTTMUSP00000022753|Steel factor|cloud gray|grizzle-belly|mast cell growth factor|stem cell fact  
or