

## Recombinant Human sRANK Ligand/RANKL Protein

### 产品信息

产品名称	货号	规格
Recombinant Human sRANK Ligand/RANKL Protein	90633ES20	20 µg
	92286ES50	50 µg

### 产品描述

RANKL and RANK are members of the TNF superfamily of ligands and receptors that play an important role in the regulation of specific immunity and bone turnover. RANK (receptor) was originally identified as a dendritic cell-membrane protein, which, by interacting with RANKL, augments the ability of dendritic cells. These dendritic cells then stimulate naïve T-cell proliferation in a mixed lymphocyte reaction, promote the survival of RANK+ T-cells, and regulate T-cell-dependent immune response. RANKL, which is expressed in a variety of cells, including osteoblasts, fibroblasts, activated T-cells and bone marrow stromal cells, is also capable of interacting with a decoy receptor called OPG. Binding of soluble OPG to sRANKL inhibits osteoclastogenesis by interrupting the signaling between stromal cells and osteoclastic progenitor cells, thereby leading to excess accumulation of bone and cartilage. Human RANKL is reactive on murine cells.

### 性能参数

分子别名	soluble Receptor Activator of NF-κB Ligand, TNFSF11, TRANCE (TNF-related activation-induced cytokine), OPGL, ODF (Osteoclast differentiation factor)
表达系统	E.coli
Accession Number	O14788
Gene ID	8600
氨基酸序列	MEKAMVDGSW LDLAKRSKLE AQPFAHLTIN ATDIPSGSHK VSLSSWYHDR GWAKISNMTFSNGKLIVNQD GFYYLYANIC FRHHETSGDL ATEYLQLMVY VTKTSIKIPS SHTLMKGGSTKYWSGNSEFH FYSINVGFF KLRSGEEISI EVSNPSLLDP DQDATYFGAF KVRDID
分子量	20 kDa
生物活性	Determined by its dose-dependent ability to induce reporter gene in HT-29 NF-κB Luc reporter cells.
标签	Tag Free
纯度	> 98% by SDS-PAGE and HPLC analyses.
内毒素	<0.01 EU/µg
制剂	1×PBS, pH 7.4

产品形态	冻干粉
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### 储存条件

2~8°C保存，有效期 2 年。

### 使用方法

一般用 无菌水在室温下将蛋白干粉溶解成储液，将蛋白等分，并储存在-80°C。避免重复冻融循环。

### 注意事项

1. 本产品仅作科研用途。
2. 为了您的安全和健康，请穿实验服并佩戴一次性手套操作。