

# **OSM** recombinant protein

CatalogNo: YD3047

### | Key Features

Reactivity

Human

#### **Recommended Dilution Ratios**

### Storage

**Storage\*** -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

**Formulation** Phosphate-buffered solution

### **Basic Information**

Source	Mammalian cells
Purification	Mammalian cells
Purity	>90% as determined by SDS-PAGE

### Immunogen Information

**Squence** Amino acid:26-221, with human FC tag.

## | Target Information

**Gene name** OSM

**Protein Name** Oncostatin-M (OSM)

Organism	Gene ID	UniProt ID	
Human	<u>5008</u> ;	<u>P13725</u> ;	

#### Cellular Localization

Secreted.

**Function** 

Growth regulator. Inhibits the proliferation of a number of tumor cell lines. Stimulates proliferation of AIDS-KS cells. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. Uses both type I OSM receptor (heterodimers composed of LIFR and IL6ST) and type II OSM receptor (heterodimers composed of OSMR and IL6ST). Involved in the maturation of fetal hepatocytes, thereby promoting liver development and regeneration (By similarity).

#### **I** Validation Data

#### | Contact information

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OSM recombinant protein

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