



Datasheet for ABIN667495

Oncostatin M Protein (OSM) (AA 26-234) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Oncostatin M (OSM)
Protein Characteristics:	AA 26-234
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Oncostatin M protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	OSM, 26-234aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	Oncostatin M (OSM)
Alternative Name:	OSM (OSM Products)
Background:	OSM, also known as Oncostatin M, is a pleiotropic cytokine that belongs to the interleukin 6 group of cytokines. Of these cytokines it most closely resembles leukemia inhibitory factor (LIF) in both structure and function. However, it is as yet poorly defined and is proving important in liver development, haematopoeisis, inflammation and possibly CNS development. It is also associated with bone formation and destruction. OSM signals through cell surface receptors

Target Details

that contain the protein gp130. The type I receptor is composed of gp130 and LIFR, the type II receptor is composed of gp130 and OSMR. Recombinant human OSM protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Synonyms: Oncostatin M, MGC20461, Oncostatin M precursor. NCBI no.: NP_065391

Molecular Weight: 25.9 kDa (230aa), confirmed by MALDI-TOF

Pathways: [JAK-STAT Signaling](#), [Negative Regulation of Hormone Secretion](#)

Application Details

Restrictions: For Research Use only

Handling

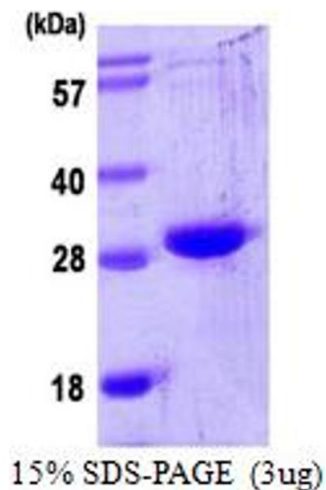
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

Storage: 4 °C

Images



SDS-PAGE

Image 1.