

OSM, 26-234aa, Human, His tag, E.coli

Cat.NO.: TP03262

3th Edition

Synonyms:Oncostatin M

Description: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.

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

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMAAIGSCSKEYRVLLGQLQKQTDLMQDTSRLDPYIRIQGLDVPKLREHCRERPG
AFPSEETLRGLGRRGFLQTLNATLGCVLHRLADLEQRLPKAQDLERSGLNIEDLEKLQMARPNILGLRNNIYCMAQL
LDNSDTAEPTKAGRGASQPPTPTPASDAFQRKLEGCRFLHGYHRFMHVSGRVFSKWGESPNRSRRHSPHQALRK
GVRR

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.