

Recombinant human Oncostatin-M

Catalog No: #AP72083



Package Size: #AP72083-1 20ug #AP72083-2 100ug #AP72083-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant human Oncostatin-M
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-220aaSequence Info:Full Length
Accession No.	P13725
Uniprot	P13725
GeneID	5008;
Calculated MW	49 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	AAIGSCSKEYRVLLGQLQKQTDLMQDTSRLLDPYIRIQGLDVPKLRHCRERPGAFPSEETLRGLGRRGFLQT LNATLGCVLHRLADLEQRLPKAQDLERSGLNIEDLEKLQMARPNILGRNNIYCMAQLLDNSDTAEPTKAGRG ASQPPTPTPASDAFQRKLEGCRFLHGYPHFMHSVGRVFSKWGESPNRSR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 LIPR 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 .

References

Molecular cloning, sequence analysis, and functional expression of a novel growth regulator, oncostatin M.Malik N., Kallestad J.C., Gunderson N.L., Austin S.D., Neubauer M.G., Ochs V., Marquardt H., Zarlign J.M., Shoyab M., Wei C.M., Linsley P.S., Rose T.M.Mol. Cell. Biol. 9:2847-2853(1989)Research Topic:Immunology

Note: This product is for in vitro research use only