

Human Osteopontin protein (active)

Cat. No. GTX53843-pro

Applications Functional Assay

Species Human

Package

50 µg

PRODUCT

Summary

Recombinant human Osteopontin is a 298 amino acid protein, which, due to glycosylation, migrates at an apparent molecular weight of 60.0-65.0 kDa by SDS-PAGE analysis under reducing conditions. Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Applications

Application Note

Determined by its ability to chemoattract human monocytes using a concentration range of 10.0-100.0 ng/ml.

Properties

Form Lyophilized powder

Buffer Batch dependent (please contact us for details)

Storage Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.

Region/Sequence

IPVKQADSGSSEEKQLYNKYPDAVATWLNPDPSQKQNLAPQNAVSSSEET
 NDFKQETLPSKSNESHDMDDMDEDDDDHVDSQDSIDSNDSDDVDDT
 DDSHQSDSHSDESDELVTDFPTDLPATEVFTPVVPTVDTYDGRGDSWV
 YGLRSKSKKFRPDIQYPDATDEDITSHMESEELNGAYKAIPVAQDLNAP
 SDWDSRGKDSYETSQLDDQSAETHSHKQSRLYKRKANDESNEHSDVIDS
 QELSKVSREFHSHEFHSHEDMLVDPKSKKEEDKHLKFRISHELDSASSEVN

Expression System HEK293 cells

Purity ??97% by SDS-PAGE and HPLC.

Endotoxin < 1 EU/µg

Conjugation Unconjugated

Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).