Osteopontin (SPP1) (NM_000582) Human Over-expression Lysate
E45H02984-2
Catalog Number:E45H02984-2
NCBI Gene ID:6696
Calculated MW:33.8 kDa
Storage:Upon receiving, store the sample at -80°C. After dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2 x SDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.
Cite ID#:EN5524264
Type:Human Lysates
Research Field:ECM-receptor interaction, Focal adhesion, Toll-like receptor signaling pathway
Description:Transient overexpression lysate of secreted phosphoprotein 1 (SPP1), transcript variant 2
Protein length:GoldORF Clone [GH35047V]
Expression Host:HEK293T
Species:Human
Tag:C-Myc/DDK
Detection principle:Detection Antibody: Clone LBI4C5, Anti-DDK (FLAG) monoclonal antibody ([AMM08808V])
Kit components:1 vial of gene specific transient over-expression cell lysate in RIPA buffer 1 vial of whole HEK293T cell lysate in RIPA buffer 1 vial of 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% glycerol, 0.002% Bromophenol blue, 100mM DTT)
Gene symbol:SPP1
mRNA Refseq:NM_000582
Protein Refseq:NP_000573
Chromosome location:4q22.1
Pathway:ECM-receptor interaction, Focal adhesion, Toll-like receptor signaling pathway
Function:Druggable Genome, Secreted Protein
Form:Liquid
Preparation:HEK293T cells in 10-cm dishes were transiently transfected with Leading Biology Transfection Reagent (TF002V) and 5ug Leading Biology GoldORF cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1 x Proteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted and stored at -20°C before shipping.
Synonyms:BNSP; BSPI; ETA-1; OPN

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