

RPPB4799

Product Information Protein Information

Product SKU:

RPPB4799

Accession:

P09486

Host:

Escherichia Coli.

Protein description:

Osteonectin Human Recombinant fused with 6X His tag produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 295 amino acids and having a molecular mass of 34 kDa.SPARC is expressed with a 6 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Osteonectin, ON, Basement-membrane protein 40, BM-40, SPARC, Secreted Protein acidic and Rich in Cysteine.

Formulation:

The SPARC (1 mg/ml) was lyophilized after extensive dialyses against 20mM PBS pH-7.4.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized SPARC in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Osteonectin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BM-40 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MSYYHHHHHPQQEALPDETEVVEETVAEVTEVSVGANPVQVEVGEFDDGAEETEEVVAENPCQNHCKHGKV
CELDENNTPMCVCQDPTSCPAPIGEFEKVCSDNKTDFDSSCHFFATKCTLEGTKKGHKLHLDYIGPCKYIPCLDSEL
TEFPLMRDWLKNVLTLYERDEDNLLTKQLRVKKIHENEKRLAEGDHPVELLARDFEKNYNMYIFPVHWQFG
QLDQHPIDGYLSHTELAPLRAPLIPMEHCTTRFFETCDLDNDKYIALDEWAGCFGIKQKQDIDKDLVI.