

Osteonectin (ON) Recombinant Protein | ON recombinant protein

Recombinant Osteonectin (ON)

CATALOG # AAA134000	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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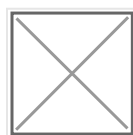
PRODUCT SYNONYMS

Osteonectin (ON); Recombinant Osteonectin (ON); ON recombinant protein

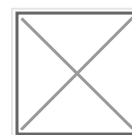
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithaN- terminalhi s-tag,itss equenceisl istedbelow . MGHHH HHHSGS-APQ TEAAEEMVAE ETVVEETGLP VGANPVQVEM GEFEEGAEET VEEVVAENPC QNHCKHGKV CELDESNTPM CVCQDPTSCP APIGEFEKVC SNDNKTFDSS CHFFATKCTL EGTKKGHKLH LDYIGPCKYI APCLDSELTE FPLRMRDWLK NVLVTLYERD EGNLLTEKQ KLRVKKIHEN EKRLEAGDHP VELLARDFEK NYNMYIFPVH WQFGQLDQHP IDGYLSHTEL APLRAPLIPM EHCTTRFFET CDLDNDKYIA LEEWAGCFGI KEQDINKDLV I
Sequence Length	301
Applicable Applications for ON recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Ala18~Ile301 (Accession # P16975) with a N-terminal his-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981574
NCBI GeneID	24791
NCBI Accession #	NP_036788.1
NCBI GenBank Nucleotide #	NM_012656.1
UniProt Accession #	P16975; O08953; Q6GSZ4
Molecular Weight	33.6kDa
NCBI Official Full Name	SPARC
NCBI Official Synonym Full Names	secreted protein, acidic, cysteine-rich (osteonectin)
NCBI Official Symbol	Sparc
NCBI Protein Information	SPARC; ON; BM-40; osteonectin; basement-membrane protein 40; secreted acidic cysteine rich glycoprotein; secreted protein acidic and rich in cysteine; Secreted acidic cystein-rich glycoprotein (osteonectin)
UniProt Protein Name	SPARC
UniProt Gene Name	Sparc
UniProt Synonym Gene Names	BM-40; ON
UniProt Entry Name	SPRC_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sparc-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134000>