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Recombinant Chondroitin Sulfate Proteoglycan 4 (CSPG4)

Catalog Number: SIPB084Ra01 **Spec: 10ug**

Product Name	Recombinant Chondroitin Sulfate Proteoglycan 4 (CSPG4)
Catalog Number	SIPB084Ra01
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Asn1135~Gln1444
Tags	N-terminal His Tag
Subcellular Location	Membrane, Extracellular matrix
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.1
Predicted Molecular Mass	34.6kDa
Accurate Molecular Mass	35kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

NSSSLV VPQGGQGTID
TAVLHLDTNL DIRSGNEVHY HVTAGPHWGQ LLRDGQSVTS FSQRDLLDGA
ILYSHNGSLS PQDTLALSVA AGPVHTSTVL QVTIALEGPL APLQLVQHKR
IYVFQGEAAE IRRDQLEVVQ EAVLPADIMF SLRSPPNAGY LVMVSHGASA
DGPPSLDPVQ RFSQEAINSG RVLYLHSRPG AWSDSFSLDV ASGLGDPLEG
ISVELEVLPT VIPLDVQNFS VPEGGTRTLA PPLIQITGPY LGTLPGLVLQ
VLEPPQHGAL QKEDRPQDGT LSTFSWREVE EQLIRYVHDG SETQ

[IDENTIFICATION]

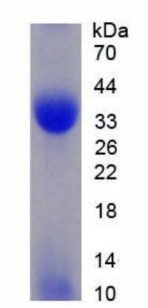


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.