

RPB134Ra01 50µg
Recombinant Melanoma Associated Chondroitin Sulfate Proteoglycan (MCSP)
Organism Species: Rattus norvegicus (Rat)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Asn1135~Gln1444

Tags: N-terminal His-Tag

Subcellular Location: Cell membrane; Single-pass type I membrane protein; Extracellular side. Apical cell membrane; Extracellular side.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(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 2-8°C for one month.

Aliquot and store at -80°C 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 HVTAGPHWQ LLRDGQSVTS FSQRDLLDGA
ILYSHNGSLS PQDTLALSVA AGPVHTSTVL QVTIALEGPL APLQLVQHKR
IYVFQGEAAE IRRDQLEVVQ EAVLPADIMF SLRSPPNAGY LVMVSHGASA
DGPPSLDPVQ RFSQEAINSG RVLYLHSRPG AWSDFSFLDV ASGLGDPLEG
ISVELEVLPT VIPLDVQNFS VPEGGTRTLA PPLIQITGPY LGTLPGLVLQ
VLEPPQH GAL QKEDRPQDGT LSTFSWREVE EQLIRYVHDG SETQ
```

[**IDENTIFICATION**]

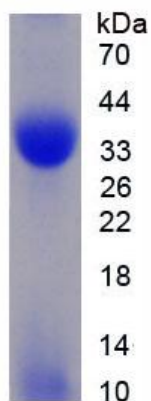


Figure 1. SDS-PAGE