

Melanoma Associated Chondroitin Sulfate Proteoglycan (MCSP) Recombinant Protein | MCSP recombinant protein

Recombinant Melanoma Associated Chondroitin Sulfate Proteoglycan (MCSP)

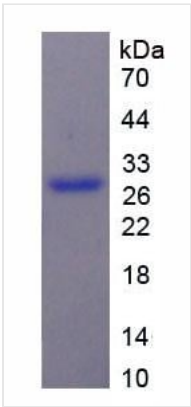
CATALOG # AAA134472	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Melanoma Associated Chondroitin Sulfate Proteoglycan (MCSP); Recombinant Melanoma Associated Chondroitin Sulfate Proteoglycan (MCSP); MCSP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 97%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% sarcosyl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for MCSP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Ser1705~Ile1942
Tags	N-terminal His Tag
Subcellular Location	Membrane, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	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.



SHLWKN KGLWVPEGQR ARITVAALDA SNLLASVPSP QRSEHDVLFQ
VTQFPSPRQQL LVSEEPHAG QPHFLQSCLA AGQLVYAHGG GGTQQDGFHF
RAHLQGPAGA SVAGPQTSEA FAITVRDVNE RPPQPQASVP LRLTRGSRAP
ISRAQLSVVD PDSAPGEIEY EVQRAPHNGF LSLVGGGLGP VTRFTQADVD
SGRLAFVANG SSVAGIFQLS MSDGASPLP MSLAVDILPS AI

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419930
NCBI GeneID	1464
NCBI Accession #	NP_001888.2
NCBI GenBank Nucleotide #	NM_001897.4
UniProt Accession #	Q6UVK1; Q92675; D3DW77
Molecular Weight	Predicted Molecular Mass: 26.3kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	chondroitin sulfate proteoglycan 4
NCBI Official Synonym Full Names	chondroitin sulfate proteoglycan 4
NCBI Official Symbol	CSPG4
NCBI Official Synonym Symbols	NG2; MCSP; MCSPG; MSK16; HMW-MAA; MEL-CSPG
NCBI Protein Information	chondroitin sulfate proteoglycan 4; chondroitin sulfate proteoglycan NG2; melanoma chondroitin sulfate proteoglycan; melanoma-associated chondroitin sulfate proteoglycan; chondroitin sulfate proteoglycan 4 (melanoma-associated)
UniProt Protein Name	Chondroitin sulfate proteoglycan 4
UniProt Gene Name	CSPG4
UniProt Synonym Gene Names	MCSP
UniProt Entry Name	CSPG4_HUMAN

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.