

Recombinant Rat Cspg4 protein, His-tagged

Cat. No. Cspg4-3544R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cspg4 protein(Q00657)(575-1044aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	575-1044aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	58.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

GPEIFQAYDPDSACEGLTIQLLGVSASVPVEHRDQPGEPVTEFSCRDLEAGNIVYVH
 RGGPAQDLTFRVSDGMQASGPATLKVVAVRPAIQILHNTGLRLAQGSAAAILPANLS
 VETNAVQGDVSVLFRVTGTLQFGELQKQGAGGVEGTEWWDTLAFHQRDVEQGRV
 RYLSTDPQHHTQDQTVEDLTLEVQVGQETLSNLSFPVTIQRATVWMLQLEPLHTQNP
 HQETLTSAHLEASLEEEGEGGPYPHIFHYELVQAPRRGNLLLQGTRLSDGQSFSQS
 DLQAGRVTYRATTRTSEAAEDSFRFRVTSPPHFSPLYTFPIHIGGDPNAPVLTNVLLM
 VPEGGEGVLSADHLFVKSLNSASYLYEVMEQPHHGSLAWRDPKGRATPVTSTNE
 DLLHGRLVYQHDDSETIEDDIPFVATRQGECSGDMAWEEVRGVFRVAIQPVNDHAP
 VQTISR VFHVARGGQRLTTD

GENE INFORMATION

Gene Name [Cspg4 chondroitin sulfate proteoglycan 4 \[Rattus norvegicus \]](#)

Official Symbol [Cspg4](#)

Synonyms CSPG4; chondroitin sulfate proteoglycan 4; HSN tumor-specific antigen; membrane-spanning proteoglycan NG2; chondroitin sulfate proteoglycan NG2; Ng2;

Gene ID [81651](#)

mRNA Refseq [NM_031022](#)

Protein Refseq [NP_112284](#)

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