

HUMAN CSPG5 PROTEIN, HIS TAG

Cat.#: 11975

Product Name: Human CSPG5 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: NGC

Target: CSPG5

UNIPROT ID: O95196

Description: Recombinant Human CSPG5 Protein with C-terminal 6xHis tag

Background: The protein encoded by this gene is a proteoglycan that may function as a neural growth and differentiation factor. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 41.9 kDa after removal of the signal peptide. The apparent molecular mass of CSPG5-His is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: CSPG5(Val31-Gln420) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

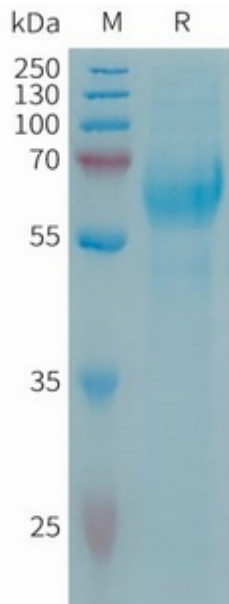


Figure 1. Human CSPG5 Protein, His Tag on SDS-PAGE under reducing condition.