

Recombinant Mouse Chpf Protein, Myc/DDK-tagged

Cat. No. Chpf-2156M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length chondroitin polymerizing factor (Chpf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Has both beta-1,3-glucuronic acid and beta-1,4-N-acetylgalactosamine transferase activity. Transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer. Isoform 2 may facilitate PRKN transport into the mitochondria. In collaboration with PRKN, isoform 2 may enhance cell viability and protect cells from oxidative stress.
Molecular Mass	85.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Chpf chondroitin polymerizing factor \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Chpf](#)

Synonyms Chpf; chondroitin polymerizing factor; AI414328; D1Bwg1363e; 1700028N03Rik; chondroitin sulfate synthase 2; N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase II; N-acetylgalactosaminyltransferase 2; chondroitin glucuronyltransferase 2; glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II; EC 2.4.1.175; EC 2.4.1.226

Gene ID [74241](#)

mRNA Refseq [NM_001001566](#)

Protein Refseq [NP_001001566](#)

UniProt ID [Q6IQX7](#)

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