

Recombinant Human CHPF2 Protein, GST-Tagged

Cat. No. CHPF2-1263H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHPF2 full-length ORF (NP_061888.1, 1 a.a. - 772 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	CHPF2 (Chondroitin Polymerizing Factor 2) is a Protein Coding gene. Among its related pathways are Chondroitin sulfate/dermatan sulfate metabolism and Glycosaminoglycan metabolism. GO annotations related to this gene include transferase activity, transferring glycosyl groups and N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase activity. An important paralog of this gene is CHPF.
Molecular Mass	112.3 kDa
AA Sequence	MRLSSLLALLRPALPLILGLSLGCSLSLLRVSWIQGEGEDPCVEAVGERGGPQNPDS RARLDQSDedFKPRIVPYRDPNKPYPKKVLRTRYIQTelGSRERLLVAVLTSRATLST LAVAVNRTVAHHFPRLLYFTGQRGARAPAGMQVVS HGDERPAWLMSETLRHLHTH FGADYDWWFFIMQDDTYVQAPRLAALAGHLSINQDLYLGRAEEFIGAGEQARYCHGG FGYLLSRSLLLRLRPHLDGCRGDILSARPDEWLGRCLIDSLGVGCVSQHQGQQYRS FELAKNRDPEKEGSSAFLSAFAVHPVSEGTLMYRLHKRFSALELERAYSEIEQLQAQI RNLTVLTPEGEAGLSWPVGLPAPFTPHSRFEVLGWDYFTEQHTFSCADGAPKCPLQ GASRADVGDALETALEQLNRRYQPRLRFQKQRLNNGYRRFDPARGMEYTLDLLLEC VTQRGHRRALARRVSLLRPLSRVEILPMPYVTEATRVQLVLP LLVAEAAAAPAFLEAF

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AANVLEPREHALLTLLLVYGPREGGRGAPDPFLGVKAAAAELERRYPGTRLAWLAV
 RAEAPSQVRLMDVVSKKHPVDLTLFFLTTVWTRPGPEVLNRCRMNAISGWQAFFPV
 HFQEFNPALSPQRSPPGPPGAGPDPPSPPGADPSRGAPIGGRFDRQASAEGCFYN
 ADYLAARARLAGELAGQEEEEALEGLEVMDVFLRFSGHLHFRAVEPGLVQKFSLRD
 CSPRLSEELYHRCRLSNLEGLGGRAQLAMALFEQEANST

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CHPF2 chondroitin polymerizing factor 2 [Homo sapiens]

Official Symbol

CHPF2

Synonyms

CHPF2; chondroitin polymerizing factor 2; chondroitin sulfate glucuronyltransferase;
 ChSy 3; CSGlcA T; KIAA1402; chPF-2; chondroitin synthase 3; chondroitin synthase-
 3; chondroitin glucuronyltransferase; N-acetylgalactosaminyl-proteoglycan 3-beta-
 glucuronosyltransferase; ChSy-3; CSGlcAT; CSGLCA-T;

Gene ID

54480

mRNA Refseq

NM_019015

Protein Refseq

NP_061888

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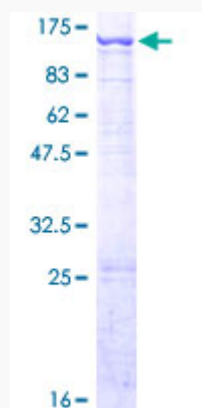
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MIM 608037

UniProt ID Q9P2E5

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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