

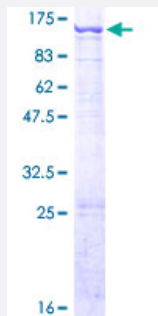
Full-Length

CHPF2 (Human) Recombinant Protein (P01)

Catalog # H00054480-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CHPF2 full-length ORF (NP_061888.1, 1 a.a. - 772 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRLSSLLALLRPALPLILGLSLGCSLSLLRVSWIQGEGEDPCVEAVGERGGPQNPDSRARLDQS
DEDFKPRMPYRDPNKPYKKVLRTRYQTELGSRRERLLVAVLTSRATLSTLAVAVNRTVAHHFPRL
LYFTGQRGARAPAGMQVVS HGDERPAWLMSETLRHLH THFGADYD WFFIMQDDTYVQAPRLAA
LAGHLSINQDLYLGRAEEFIGAGEQARYCHGGFGYLLSRSLLLRLRPHLDGCRGDILSARPDEWL
RCLIDSLGVGCVSQHQGQQYRSFELAKNRDPEKEGSSAFLSAFAVHPVSEGTLMYRLHKRFSAL
ELERAYSEIEQLQAQIRNLTVLTPEGEAGLSWPVGLPAPFTPHSRFEVLGWDYFTEQHTFSCADG
APKCPLQGASRADVGDALETALEQLNRRYQPRLRQKQRLNNGYRRFDPARGMEYTLDLLLECV
TQRGHRRALARRVSLRPLSRVEILPMPYVTEATRVQLVPLLVAEAAAAPAFLEAFAANVLEPRE
HALLTLLLVYGPREGGRGAPDPFLGVKAAAAELERRYPGTRLAWLAVRAEAPSQVRLMDVVSKK
HPVDTLFFLT TVWTRPGPEVLNRCRMNAISGWQAFFPVHFQEFNPALSPQRSPPGPPGAGPDP
PSPPGADPSRGAPIGGRFDRQASAEGCFYNADYLAARARLAGELAGQEEEEALEGLEVMDFVL
RFSGLHLFRAVEPGLVQKFSLRDCSPRLSEELYHRCRLSNLEGLGGRAQLAMALFEQE QANST

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

112.3

Interspecies Antigen Sequence

Mouse (95); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CHPF2

Entrez GeneID	54480
GeneBank Accession#	NM_019015.1
Protein Accession#	NP_061888.1
Gene Name	CHPF2
Gene Alias	ChSy-3, chPF-2, CSGlcAT, CSGICA-T
Gene Description	chondroitin polymerizing factor 2
Omim ID	608037
Gene Ontology	Hyperlink
Other Designations	chondroitin synthase-3

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Metabolic pathways](#)