

Datasheet for ABIN7553371
CHPF2 Protein (AA 1-772) (His tag)



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Overview

Quantity:	1 mg
Target:	CHPF2
Protein Characteristics:	AA 1-772
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHPF2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CHPF2 Protein expressed in mammalian cells.
Sequence:	<p>MRLSSLLALL RPALPLILGL SLGCSLSLLR VSWIQGEGED PCVEAVGERG GPQNPDSRAR</p> <p>LDQSDDEFKP RIVPYRDPN KPYKKVLRTR YIQTELSRE RLLVAVLTSR ATLSTLAVAV</p> <p>NRTVAHHFPR LLYFTGQRG RAPAGMQVVS HGDERPAWLM SETLRHLHTH FGADYDWFFI</p> <p>MQDDTYVQAP RLAALAGHLS INQDLYLGRA EEFIGAGEQA RYCHGGFGYL LSRSLLLRLR</p> <p>PHLDGCRGDI LSARPDEWLG RCLIDSLGVG CVSQHQQQY RSFELAKNRD PEKEGSSAFL</p> <p>SAFAVHPVSE GTLMYRLHKR FSALELERAY SEIEQLAQI RNLTVLTPEG EAGLSWPVGL</p> <p>PAPFTPHSRF EVLGWDYFTE QHTFSCADGA PKCPLQGASR ADVGDALETA LEQLNRRYQP</p> <p>RLRFQKQRL NGYRRFDPAR GMEYTLDLLL ECVTQRGHRR ALARRVSLR PLSRVEILPM</p> <p>PYVTEATRVQ LVLPLLVAEA AAPAFLEAF AANVLEPREH ALLTLLLVYG PREGGRGAPD</p> <p>PFLGVKAAAA ELERRYPGTR LAWLAVRAEA PSQVRLMDVV SKKHPVDTLF FLTTVWTRPG</p> <p>PEVLNRCRMN AISGWQAFFP VHFQEFNPAL SPQRSPGPP GAGPDPPSP GADPSRGAPI</p>

Product Details

GGRFDRQASA EGCFYNADYL AARARLAGEL AGQEEEEALE GLEVMDVFLR FSGLHLFRAV
EPGLVQKFSL RDCSPRLSEE LYHRCRLSNL EGLGGRAQLA MALFEQEQAN ST **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	CHPF2
Alternative Name:	CHPF2 (CHPF2 Products)
Background:	<p>Chondroitin sulfate glucuronyltransferase (EC 2.4.1.226) (CSGlcA-T) (Chondroitin glucuronyltransferase) (Chondroitin polymerizing factor 2) (ChPF-2) (Chondroitin synthase 3) (ChSy-3) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase),FUNCTION: Transfers glucuronic acid (GlcUA) from UDP-GlcUA to N-acetylgalactosamine residues on the non-reducing end of the elongating chondroitin polymer. Has no N-acetylgalactosaminyltransferase activity. {ECO:0000269 PubMed:12145278, ECO:0000269 PubMed:18316376}.</p>
Molecular Weight:	85.9 kDa

Target Details

UniProt:	Q9P2E5
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months