

Human C5ORF22 Isoform 1(NM_018356.3) annotated conceptual translation

gcccggagagagctgcccgggatgagggcgccggtttcccgggtcttctccagctgccac 60 **SNP**
cgctttactgcaaaaactgacgggcgcaaaaacatgagtgactccgcgggagggcgcgctg 120 **GLOB D**
M S D S A G G R A 9 **DIS**
Myrstyl
gtctccggcggttacccaagctcccagtggtgggtggaggatcatcaggaagttctac 180 **ex1|ex2**
G L R R Y P K L P V W V V E D H Q E V L 29 **PDphos**
R R **MAPK**
cctttatataccgggccataggctcaaagcatcttctctgccaagtaatgtaagtttttac 240 **a-hlx**
P F I Y R A I G S K H L P A S N V S F L 49 **Glyco**
B-sheet
atctcgactcacatccagacctccttattcctgtgaatatgccagcagacaccgtgtttg 300
H F D S H P D L L I P V N M P A D T V F 69 **SNP**
M alt N-term
ataaggaaaactctttggagaattaagtattgaaaattggattatgcctgcagtttatg 360 **ex2|ex3**
D K E T L F G E L S I E N W I M P A V Y 89 **Phos site**
M alt N-term
ctggccattttcacatgtaatatggtttcatcccacatgggctcagcagatcagagagg 420 **a-hlx**
A G H F S H V I W F H P T W A Q Q I R E 109 **B-sheet**
gcagacaccacttttagtaggcaaaagacacttctaccacaacaatcagggttacaagta 480 **ex3|ex4**
G R H H F L V G K D T S T T T I R V T S 129 **Ubq site**
SNP
cagatcattatttcctaagtgatggtctgtatgtacctgaagaccagctagagaaccaa 540
T D H Y F L S D G L Y V P E D Q L E N Q 149 **B-sheet**
M alt N-term
aacctttacaattggatgtaattatggtaaaaccttataaaactctgtaacaatcaagaag 600 **SUMO site**
K P L Q L D V I M V K P Y K L C N N Q E 169 **Disordered**
Ubq site;
aaaacgatgcagtgcttctgctaagaaaccaaagctagccctggaagattcggaaaaca 660
E N D A V S S A K K P K L A L E D S E N 189 **NLS**
ctgcctctaactgtgactcttcttcagaaggactggaaaaggacacagcaacacaga 720
T A S T N C D S S S E G L E K D T A T Q 209 **Phos site**
gaagtgaccagacttgcctagaacatcatgttcatgttcttctgaaaatcaggaatgcc 780
R S D Q T C L E P S C S C S S E N Q E C 229 **DIS**
GLOB D
agactgctgccagcactggggaaattctggaaattttgaagaaaggaaggcatttgttt 840
Q T A A S T G E I L E I L K K G K A F V 249 **a-hlx**
tagatattgacttgatttttttctcagtaagaatcccttcaaagaaatgttctactcagg 900 **ex4|ex5**
L D I D L D F F S V K N P F K E M F T Q 269 **USP7**

aagagtacaaaatcttacaagagctgtaccaatttaagaaacctggcaccaacctaacag 960 ^{M alt N-term} **a-hlx** ^{Phos site}
E E Y K I L Q E L Y Q F K **K P G T** N L T 289 ^{Ubq site}
Glyco
 aggaagatttggtagatattggtgatactcgaattcatcaattagaggatttagaagcca 1020 ^{ex5|ex6}
E E D L V D I V D T R I H Q L E D L E A 309 **a-hlx**
 ctttcgctgatttgtgtgatggatgatgaagaaacgggtacagagatgggcttcaaacc 1080
T F A D L C D G D D E E T V Q R W A S N 329
 ctggaatggaatcactagttcccctgtacagagtttgaaaaaacggatggaagtaccag 1140 ^{ex6|ex7}
P G M E S L V P L V Q S L K K R M E V P 349 **a-hlx**
^{M alt N-term}
 actatgaaatggttcaccaggctggtttaacctgcatattcagaacttccctcaccata 1200 ^{ex7|ex8}
 D **Y E M V H Q A G L T C D Y S E L P H** H 369 **Sulf**
^{M alt N-term}
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I S T E Q E I E C L I Q S V H **Y L L K N** 389 **FHA2**
SH2
 taccaaactcctactcttgtgacaattgcaagggtcaagtctggatgattactgtccttctg 1320 ^{ex8|ex9}
 L P N P **T L V T I** A R S S L D D Y C P **S** 409 **GSK1**
a-hlx
 accaagttgacactattcaagaaaaggctcctcaatgatgctacgtgccctctatggaaatc 1380
D Q V D T I Q E K V L N M L R A L Y G N 429 **B-sheet**
^{M alt N-term}
 tagacctcaagtgtatgcagcagagtctcctccatcttgaacaacaaaacattagggc 1440
L D L Q V Y A A E **S** P P S * 442 ^{Phos site}
 tctgttgtatcttggttagtaacaggcccttaattaacttatttgtacatgagttcttc 1500 ^{miRNA site}
cagagaacactgttttatattaactttcagttgaaatctttcagatattttgaaatctctg 1560 **SNP**
 aacaaccattgtcagttgtgaatgatggtaaattttttggcatcaagtctcataaccca 1620
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tctgagtaccagtgaggggataccgtggTtacagtgTTTTgaattgtgtactaatatcatt 3540 **PolyAsignal**
aaagcatgggattTTtagtggctTTTTtaaaaaa [**polyA tail added here**] 3572