

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion	endoplasmic reticulum	golgi appar
P56524	HDAC4_HUMAN	Homo sapiens	Histone deacetylase 4	15.462317	S642;T895	S210;S246;S350;S467;S565;S632;S633	30379171;31195810;29485866;38253038;37217939;38665916	MSSQSHPDGLSGRDQPVELLNPAR VNHPSTVDVATALPLQVAPSAVPM DLRLDHQFSLPVAEPALREQLQOE LLALKKQKQIQRQILAEFQRQHEQL SRQHEAQLHEHIKQQEMLAMKHQ QELLEHQKLERHRQEQELEKQHR EQKLQQLKNKEKGKESAVASTEVK MKLQEFVLNKKKALAHRLNHNHCISS DPRYWYGKTOHSSLDQSSPQSGVS TSYNHPVLGMYDAKDDFPLRKTASE PNLKLRSRLKQKVAERRSSPLLRRK DGPVVTALKRPLDVTDSACSSAPG SGPSSPNSSSGSVSAENGIAPAVPSI PAETSLAHLRVAREGSAAPLPLYTSP SLPNITLGLPATGPSAGTAGQQDAER LTLPALQORLSLFPGTHLTPYLSTSP LERDGGAAHSPLLQHMVLLQPPAQ APLVTGLGALPLHAQSLVGADRVSP SIHLRQHRPLGRTQSAPLPQNAQA LQHLVIQQQHQQFLEKHKQOFQQQ QLQMNKIPKPEPARQPEPESHPEETE EELREHQALLDEPYLDRLPGQKEAH AQAGVQVKQEPIDESDEEEAEPPEV EPGQRQPSQELLFRQQALLLEQQR IHQLRNYQASMEAAGIPVSFGGHRP LSRAQSSPASATFPVSVQEPPTKPRF TTGLVYDTLMLKHQCTCGSSSSHPE HAGRIQIWSRLQETGLRGKCECIRG RKATLEELQTVHSEAHTLLYGTNPL NRQKLDSSKLLGSLASVFRVRLPCGG VGVSDTIWNEVHSAGAARLAVGCV VELVFKVATGELKNGFAVVRPPGHH AEESTPMGFYFNVAVAAKLLQQR LSVSKILIVDWDVHHGNGTQAFYS DPSVLYMSLHRYDDGNFFPGSGAPD EVGTGPGVGFVNMAFTGGLDPPM GDAEYLAAFRTVVMPIASEFAPDVVL VSSGFDAVEGHPTPLGGYNLSARCF GYLTKQLMGLAGGRIVLALEGGHDL TAICDASEACVSALLGNELDPLPEKV LQQRPNANAVRSMEKVMIEHISKYW RCLQRTTSTAGRSLIEAQTCENEEAE TVTAMASLSVGKPAEKRPDEEPME EPPPL	True	False	4.748	5.0	2.524	2.162	1.248