

Product Datasheet

Recombinant Human Histone Deacetylase 4/HDAC4 GST (N-Term) Protein H00009759-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00009759-P01-10ug**Recombinant Human Histone Deacetylase 4/HDAC4 GST (N-Term) Protein**

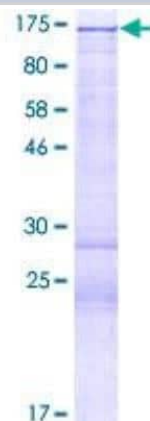
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	132.8 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-972 of Human HDAC4 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MLAMKHQQELLEHQRKLERHRQEQELEKQHREQKLQQLKNKEKGKESAVAST EVKMKLQEFVLNKKKALAHRLNLNHCISDPYWGKTQHSSLDQSSPPQSGV STSYNHPVLGMYDAKDDFPLRKTASEPNLKLRSRLKQKVAERRSSPLLRRKDG PVVTALKKRPLDVTDSACSSAPGSGPSSPNNSSGSVSAENGIAPAVPSIPAETS LAHRLVAREGSAAPLPLYTSPSLPNITLGLPATGPSAGTAGQQDAERLTLPALQ QRLSLFPGTHLTPYLSTSPLERDGGAAHSPLLQHMLVLEQPPAQAPLVDWYL SGLGALPLHAQSLVGADRVSPSIHKLRQHRPLGRTQSAPLPQNAQALQHLVIQ QQHQQFLEKHKQQFQQQQLQMNKIIPKPSEPARQPESHPEETEEELREHQAL LDEPYLDRLPGQKEAHAQAGVQVKQEPIDESDEEEAEPPREVEPGQRQPSEQE LLFRQQALLLEQQRIHQLRNYQASMEAAGIPVSFGGHRPLSRAQSSPASATFP VSVQEPPTKPRFTTGLVYDTLMLKHQCTCGSSSSHPEHAGRIQSIWSRLQETG LRGKCECIRGRKATLEELQTVHSEAHTLLYGTNPLNRQKLDSSKLLGSLASVFFV RLPCGGVGVDSDTIWNEVHSAGAARLAVGCVVELVFKVATGELKNGFAVVRP PGHHAEESTPMGFCYFNSVAVAAKLLQQRLSVSKILIVDWDVHHGNGTQQAFY SDPSVLYMSLHRYDDGNFFPGSGAPDEVGTGPGVGFNVNMAFTGGDPPMG DAEYLAAFRTVVMPIASEFAPDVVLVSSGFDAVEGHPTPLGGYNLSARCFGYL TKQLMGLAGGRIVLALEGGHDLTAICDASEACVSALLGNELDPLPEKVLQQRPN ANAVRSMEKVMIEHSKYWRCLQRTTSTAGRSLIEAQTCENEEAETVTAMASLS VGVKPAEKRPDEEPMEEEPPL
Gene ID	9759
Gene Symbol	HDAC4
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Human Histone Deacetylase 4/HDAC4 Protein [H00009759-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Tadatoshi S, Shiv V, Christian A et al. A FAK/HDAC5 Signaling Axis Controls Osteocyte Mechanotransduction. Nat Commun. 2020-07-01 [PMID: 32612176]

Isaacs JT, Antony L, Dalrymple SL et al. Tasquinimod Is an Allosteric Modulator of HDAC4 survival signaling within the compromised cancer microenvironment. Cancer Res. 2013-02-15 [PMID: 23149916]



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Products Related to H00009759-P01-10ug

NB100-56341PEP	Histone Deacetylase 4/HDAC4 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBP2-22151-0.1ml	Histone Deacetylase 4/HDAC4 Antibody - BSA Free
NB500-171	Histone H3 Antibody - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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