

## Product datasheet for **AR50154PU-N**

### HDAC8 (1-377, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HDAC8 (1-377, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	MEEPEEPADS GQSLVPVYIY SPEYVSMCDS LAKIPKRASM VHSLIEAYAL HKQMRIVKPK VASMEEMATF HTDAYLQHLQ KVSQEGDDDH PDSIEYGLGY DCPATEGIFD YAAAIGGATI TAAQCLIDGM CKVAINWSGG WHHAKKDEAS GFCYLNDAVL GILRLRRKFE RILYVDLDLH HGDGVEDAFS FTSKVMTVSL HKFSPGFFPG TGDVSDVGLG KGRYYSVNVP IQDGIQDEKY YQICESVLKE VYQAFNPKAV VLQLGADTIA GDPMCSFNMT PVGIGKCLKY ILQWQLATLI LGGGGYNLAN TARCWTYLTG VILGKTLSE IPDHEFFTAY GPDYVLEITP SCRPRNEPH RIQQILNYIK GNLKHVVHHH HHH
Tag:	His-tag
Predicted MW:	42.6 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HDAC8 protein, fused to His-tag at C-terminus, was expressed in Sf9 insect cell and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001159890</a>
Locus ID:	55869
UniProt ID:	<a href="#">Q9BY41</a>
Cytogenetics:	Xq13.1



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**Synonyms:** Histone deacetylase 8, HD8, HDACL1, CDA07

**Summary:** Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**

