

# Recombinant Human HDAC3 protein(Met1-Ile428), His&GST-tagged

Cat. No. HDAC3-3908H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length of Human HDAC3 (O15379-1) (Met 1-Ile 428) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-428 a.a.
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, 4mM GSH, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human HDAC3/GST chimera consists of 666 amino acids and has a calculated molecular mass of 76.7 kDa. It migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Full Length**

Full L.

## GENE INFORMATION

**Gene Name**

HDAC3 histone deacetylase 3 [ Homo sapiens ]

**Official Symbol**

HDAC3

**Synonyms**

HDAC3; histone deacetylase 3; HD3; RPD3; RPD3 2; SMAP45; RPD3-2;

**Gene ID**

8841

**mRNA Refseq**

NM\_003883

**Protein Refseq**

NP\_003874

**MIM**

605166

**UniProt ID**

O15379

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