

Histone Deacetylase 8 Human Recombinant

Item Number	rAP-1159
Synonyms	Histone deacetylase 8, HD8, HDAC8, HDACL1, CDA07, RPD3.
Description	HDAC8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 383 amino acids (1-377) and having a molecular mass of 42.6kDa.HDAC8 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9BY41
Amino Acid Sequence	MEEPEEPADS GQSLVPVYIY SPEYVSMCDS LAKIPKRASM VHSLIEAYAL HKQMRIVKPK VASMEEMATF HTDAYLQHLQ KVSQEGDDDH PDSIEYGLGY DCPATEGIFD YAAAIGGATI TAAQCLIDGM CKVAINWSSG WHHAKKDEAS GFCYLNDVAVL GILRLRRKFE RILYVDLDLH HGDGVE- DAFS FTSKVMTVSL HKFSPGFFPG TGDVSDVGLG KGRYYSVNVP IQDGIQDEKY YQICESVLKE VYQAFNPKAV VLQLGADTIA GDPMCSFNMT PVGIGKCLKY ILQWQLATLI LGGGGYNLAN TARCWYTLTG VILGKTLSSE IPDHEFFTAY GPDYVLEITP SCRPNRNEPH RIQQILNYIK GNLKHVVHHH HHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The HDAC8 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**