

Histone Acetyltransferase 1 Human Recombinant

Item Number	rAP-1990
Synonyms	EC 2.3.1.48, KAT1, histone acetyltransferase 1, Histone acetyltransferase type B catalytic subunit, HAT1.
Description	HAT1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 343 amino acids (20-341 a.a.) and having a molecular mass of 40.1 kDa. The HAT1 is fused to a 21 amino acid His Tag and purified by proprietary chromatographic techniques.
Uniprot Accession Number	O14929
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MKKLAEYKCN TNTAIELKLV RFPEDLENDI RTFFPEYTHQ LFGDDETAFG YKGLKILLY IAGSLSTMFR VEYASKVDEN FDCVEADDVE GKIRQIIPPG FCTNTNDFLS LLEKEVDFKP FGTLHTYSV LSPTGGENFT FQIYKADMTC RGFREYHERL QTFLMWFIET ASFIDVDDER WHYFLVFEKY NKDGATLFAT VGYMTVYNY VYPDKTRPRV SQMLILTPFQ GQGHGAQLLE TVHRYYTEFP TVLDITAEDP SKSYVKLRDF VLVKLCQDLP CFSREKLMQG FNEDMAIEAQ QKFKINKQHA RRVYEILRLL VTD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless 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 HAT1 solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol. Greater than 90% 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**