

K (lysine) Acetyltransferase 2A Human Recombinant

Item Number	rAP-1943
Synonyms	Histone acetyltransferase KAT2A, General control of amino acid synthesis protein 5-like 2, Histone acetyltransferase GCN5, HsGCN5, Lysine acetyltransferase 2A, STAF97, KAT2A, GCN5, GCN5L2, HGCN5, PCAF-b.
Description	KAT2A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 447 amino acids (411-837 a.a) and having a molecular mass of 51.1kDa.KAT2A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q92830
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGGGSNSSL S LDSAGAEPMP GEKRTL PENL TLEDAKRLRV MGDIP- MELVN EVMLTITDPA AMLGPETSL S ANAARDETA RLEERRGIIE FHVIGNSLTP KANRRVLLWL VGLQNVFESHQ LPRMPKEYIA RLVFDPKHKT LALIKDGRVI GGICFRMFPT QGFTEIVFCA VTSNEQVKGY GTHLMNHLKE YHIKHNLIFY LTYADEYAIG YFKKQGFSD IKVPKSRYL G YIKDYEGATL MECELNPRIP YTELSHIIKK QKEIIKKLIE RKQAQIRKVY PGLSCFKEGV RQIPVESVPG IRETGWKPLG KEKGKELKDP DQLYTTLKNL LAQIKSHPSA WPFMEPVKKS EAPDYEVIR FPIDLKTMT E RLSRYVTR KLFVADLQRV IANCREYNPP DSEYCRCASA LEKFFYFKLK EGGLIDK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered 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	KAT2A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 40% glycerol, 200mM NaCl and 1mM EDTA. Greater than 90.0% 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**