

32-2477: KAT2A Recombinant Protein

Alternative Name :

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

Source : Escherichia Coli. 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. General control of amino acid synthesis protein 5 like 2 (KAT2A) is a member of the GCN5 family. KAT2A functions as a histone acetyltransferase (HAT) to promote transcriptional activation. Acetylation of histones gives a specific tag for epigenetic transcription activation. KAT2A interacts with Ku70, TAF9, transcription initiation protein SPT3 homolog, TADA2L, Ku80 and DDB1.

Product Info

Amount :

20 µg

Purification :

Greater than 90.0% as determined by SDS-PAGE.

Content :

KAT2A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 40% glycerol, 200mM NaCl and 1mM EDTA.

Storage condition :

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.

Amino Acid :

MGSSHHHHHH SGLVPRGSH MGGGSNSSLS LDSAGAEPMP GEKRTL PENL TLEDAKRLRV
MGDIPMELVN EVMLTITDPA AMLGPETSL SANAARDETA RLEERRGIIE FHVIGNSLTP KANRRVLLWL
VGLQNVFSHQ LPRMPKEYIA RLVFDPKHKT LALIKDGRVI GGICFRMFPT QGFTEIVFCA VTSNEQVKGY
GTHLMNHLKE YHIKHNILYF LTYADEYAIG YFKKQGFSD IKVPKSRYLG YIKDYEGATL MECELNPRIP
YTELSHIIKK QKEIIKKLIE RKQAQIRKVY PGLSCFKEGV RQIPVESVPG IRETGWKPLG KEKGKELKDP
DQLYTTLKNL LAQIKSHPSA WPFMEPVKKS EAPDYYEVIR FPIDLKTMTE RLRSRYVTR KLFVADLQRV
IANCREYNPP DSEYCRCASA LEKFFYFKLK EGGLIDK.

