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GCN5L2, 411-837aa, Human, His tag, E.coli

产品货号: TP02213

第三版

别名: Histone acetyltransferase KAT2A, GCN5, GCN5L2, hGCN5, PCAF-b.

描述: GCN5L2 (General control of amino acid synthesis protein 5 like 2) belongs to the GCN5 family. It functions as a histone acetyltransferase (HAT) to promote transcriptional activation. Acetylation of histones gives a specific tag for epigenetic transcription activation. GCN5L2 has been shown to interact with Ku70, TAF9, transcription initiation protein SPT3 homolog, TADA2L, Ku80 and DDB1. Recombinant human GCN5L2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques..

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 40% glycerol, 200mM NaCl, 1mM EDTA

分子量: 51.1kDa (447aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGGGSNSSLSDSAGAEPMPGEKRTLPELNTLEDAKRLRVMGDIPMELVNEVMLTITDP
AAMLGPETSLLSANAARDEARLEERRGIIEFHVIGNSLTPKANRRVLLWLVGLQNVFVSHQLPRMPKEYIARLVFDPKHKTL
ALIKDGRVIGGICFRMFPTQGFTEIVFCAVTSNEQVKGYGTHLMNHLKEYHIKHNILYFLTYADEYAIIGYFKKQGFSKDIK
VPKSRYLGYIKDYEGATLMECELNPRIPYTELSHIIKKQKEIHKLIERKQAQIRKVYPGLSCFKEGVRQIPVESVPGIRETGWK
PLGKEKGKELKDPDQLYTTLKNLLAQIKSHPSAWPFMEPVKKSEAPDYEVIRFPIDLKTMTERLRSRYVTRKLFVADLQR
VIANCREYNPPDSEYCRCSALEKFFYFKLKEGGLIDK

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.