
N-acetyltransferase 6, 1-308 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP03074

3th Edition

Synonyms:Protein fusion-2, FUS2, FUS-2, NAT6

Description:N-acetyltransferase, also known as FUS2 (NAT6), is an enzyme that catalyzes the transfer of acetyl groups from acetyl-CoA to acrylamines. This enzyme is physically localized in the cytoplasm and its activity has been documented by its feasibility to acetylate the N-terminus of proteins using a ping-pong-like mechanism and by its substrate specificity. Since the Fus-2 gene maps to the chromosomal region 3p21.3, which contains at least one tumor suppressor gene, the N-acetyltransferase functions of Fus-2 may be relevant to its potential role in cancer.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 100 mM NaCl 20% glycerol.

Molecular Weight:35.9 kDa (328aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will shift up)

Sequences:

MGSSHHHHHSSGLVPRGSHMQELTLPSPGPAKLTPTLDPTRMELILSTSPAELTLPACQPKLPLDSTCQPEMTF
NPGPTELTLDPEHQPEETPAPSLAELTLEPVHRRPELLDACADLINDQWPRSRTSRLHSLGQSSDAFPLCLMLLSP
HPTLEAAPVVVGHARLSRVLNQPQSLLVETVVVARALRGRGFRRLMEGLEVFARARGFRKLHLTTHDQVHFYTH
LGYQLGEPVQGLVFTSRRLPATLLNAFPTAPSPRPPRKAPNLTAQAAPRGPKGPPLPPPPPLPECLTISPPVPSGPP
SKSLLETQYQNVGRPIFWMEKDI

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.