

## 32-2585: NAT6 Recombinant Protein

**Alternative Name :** Protein fusion-2,FUS2,FUS-2,NAT6,N-acetyltransferase 6,Protein fus-2.

### Description

Source : Escherichia Coli. Recombinant Human NAT6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 328 amino acids (1-308 a.a.) and having a molecular mass of 35.9 kDa. NAT6 is fused to 20 amino acid His Tag at N-terminus and purified by conventional chromatography techniques. NAT6 is an enzyme that catalyzes the transfer of acetyl groups from acetyl-CoA to acrylamines. NAT6 is located mainly in the cytoplasm and its activity has been recognized by its feasibility to acetylate the N-terminus of proteins using a ping-pong-like mechanism and by its substrate specificity. Given that the NAT6 gene maps to the chromosomal region 3p21.3, which includes at least one tumor suppressor gene, the function of NAT6 plays an important role in cancer.

### Product Info

<b>Amount :</b>	5 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	The NAT6 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl and 20% Glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MQELTLPSPG AKLTPTLDPT HRMELILSTS PAELTLPAC QPKLPLDSTC QPEMTFNPGP TELTLDPEHQ PEETPAPSLA ELTLEPVHRR PELLDACADL INDQWPRSRT SRLHSLGQSS DAFPLCLMLL SPHPTLEAAP VVVGHARLSR VLNQPQSLLV ETVVVARALR GRGFGRRLME GLEVFARARG FRKLHLTTHD QVHFYTHLGY QLGEVQGLV FTSRRLPATL LNAFPTAPSP RPPRKAPNLT AQAAPRGPKG PPLPPPPPLP ECLTISPPVP SGPPSKSLE TQYQNVGRP IFWMEKDI.

