

Product datasheet for **AR09163PU-S**

NAT6 / FUS2 (1-308, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NAT6 / FUS2 (1-308, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MQELTLPSPG AKLTPTLDPT HRMELILSTS PAELTDPAC QPKLPLDSTC QPEMTFNPGP TELTLDPEHQ PEETPAPSLA ELTLEPVHRR PELLDACADL INDQWPRSRT SRLHSLGQSS DAFPLCLMLL SPHPTLEAAP VVGHARLSR VLNQPQSLLV ETVVVARALR GRGFGRRRLME GLEVFARARG FRKLHLTTHD QVHFYTHLGY QLGEPVQGLV FTSRRLPATL LNAFPTAPSP RPPRKAPNLT AQAAPRGPKG PPLPPPPPLP ECLTISPPVP SGPPSKSLL E TQYQNVGRP IFWMEKDI
Tag:	His-tag
Predicted MW:	35.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Mes buffer (pH 5.0) containing 150 mM NaCl, 30% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human N-acetyltransferase 6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001186945</u>
Locus ID:	24142
UniProt ID:	<u>Q93015</u> , <u>Q6IAP1</u>
Cytogenetics:	3p21.31
Synonyms:	FUS-2; FUS2; HsNAAA80; NAT6



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Summary:

This gene encodes a member of the N-acetyltransferase family. N-acetyltransferases modify proteins by transferring acetyl groups from acetyl CoA to the N-termini of protein substrates. The encoded protein is a cytoplasmic N-acetyltransferase with a substrate specificity for proteins with an N-terminal methionine. This gene is located in the tumor suppressor gene region on chromosome 3p21.3 and the encoded protein may play a role in cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed. This gene overlaps and is on the same strand as hyaluronoglucosaminidase 3, and some transcripts of each gene share a portion of the first exon. [provided by RefSeq, Jan 2011]

Protein Pathways:

Glycerophospholipid metabolism, Limonene and pinene degradation, Phenylalanine metabolism, Tyrosine metabolism

Product images: