

Product datasheet for PH302498

FUS2 (NAT6) (NM_012191) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NAT6 MS Standard C13 and N15-labeled recombinant protein (NP_036323)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202498
Predicted MW:	33.8 kDa
Protein Sequence:	>RC202498 protein sequence Red=Cloning site Green=Tags(s) MQELTSPGPAKLTPTLDPTHRMELILSTSPAELTDPACQPKLPLDSTCQPEMTFNPGPTELTDPEHQ PEETPAPSLAELTLEPVHRRPELLDACADLINDQWPRSRTLHSLGQSSDAFPLCLMLLSPHPTLEAAP VVVGHARLSRVLNQPQSLLVETVVVARALRGRGFGRRLMEGLEVFARARGFRKLHLTTHDQVHFYTHLGY QLGEPVQGLVFTSRRLPATLLNAFPTAPSPRPPRKAPNLTAQAAPRGPKGPPLPPPPPLPECLTISPPVP SGPPSKSLLLETQYQNVRGRPIFWMEKDI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_036323
RefSeq Size:	1358
RefSeq ORF:	924
Synonyms:	FUS-2; FUS2; HsNAAA80; NAT6
Locus ID:	24142



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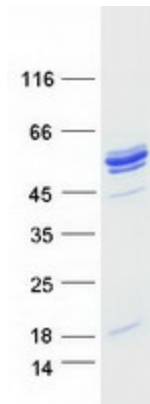
UniProt ID: [Q93015](#), [Q6IAP1](#)

Cytogenetics: 3p21.31

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:



Coomassie blue staining of purified NAA80 protein (Cat# [TP302498]). The protein was produced from HEK293T cells transfected with NAA80 cDNA clone (Cat# [RC202498]) using MegaTran 2.0 (Cat# [TT210002]).