

## Product datasheet for **TP302498L**

### **FUS2 (NAT6) (NM\_012191) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human N-acetyltransferase 6 (GCN5-related) (NAT6), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC202498 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MQELTLSPGPAKLTPTLDPTRMELILSTSPAELTDPACQPKLPLDSTCQPEMTFNPGPTELTLDPEHQ  
PEETPAPSLAELTLEPVHRRPELLDACADLINDQWPRSRTSRLHSLGQSSDAFPLCLMLLSPHPTLEAAP  
VVVGHARLSRVLNQPQSLLVETVVVARALRGRGFRRLMEGLEVFARARGFRKLHLTTHDQVHFYTHLGY  
QLGEPVQGLVFTSRRLPATLLNAFPTAPSPRPPRKAPNLTAQAAPRGPKGPPLPPPPPLPECLTISPPVP  
SGPPSKSLETTQYQNVGRPIFWMEKDI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 33.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_036323](#)

**Locus ID:** 24142



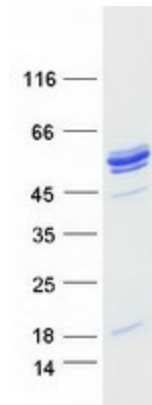
[View online »](#)

UniProt ID: [Q93015](#), [Q6IAP1](#)  
RefSeq Size: 1358  
Cytogenetics: 3p21.31  
RefSeq ORF: 924  
Synonyms: FUS-2; FUS2; HsNAAA80; NAT6

**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]).