

Product datasheet for TP504478

Nat6 (NM_019750) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N(alpha)-acetyltransferase 80, NatH catalytic subunit (Naa80), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204478 protein sequence Red=Cloning site Green=Tags(s)

MELILSTSPAKLTLDPARQPELTLRFNLSKLTLDPARQPELSLSPRLAELTDPTCHPEMSLSPGPAELT
LDPQHQAELPVPKLPILILEPVHCRPELMSACADLINDQWPRSRASRLHSLGQSSDAFPLCLMLLSPQP
TPGAAPVVVGHARLSRVLQPHSLLVETVVVARPLRGRGFRRLMEGLEAFARARGFRRLHLTTHDQLYF
YAHLYQLGEPVQGLAFTNRRLSTTVLRAFSKPPCPQPPCKEPIAAQAVPRSSKGPPLPPPPPLPQSLT
ASPPPSPEPLPQSPLETCYRDLKGCPIFWMEKDI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	34.6 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
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 after receiving vials.
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_062724
Locus ID:	56441
UniProt ID:	Q9R123 , Q3UVC9



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RefSeq Size: 2020

Cytogenetics: 9 58.18 cM

RefSeq ORF: 945

Synonyms: AI225910; Fus2

Summary: N-alpha-acetyltransferase that specifically mediates the acetylation of the acidic amino terminus of processed forms of beta- and gamma-actin (ACTB and ACTG, respectively). N-terminal acetylation of processed beta- and gamma-actin regulates actin filament depolymerization and elongation. In vivo, preferentially displays N-terminal acetyltransferase activity towards acid N-terminal sequences starting with Asp-Asp-Asp and Glu-Glu-Glu. In vitro, shows high activity towards Met-Asp-Glu-Leu and Met-Asp-Asp-Asp. May act as a tumor suppressor.[UniProtKB/Swiss-Prot Function]