N-Alpha-Acetyltransferase 40 (naa40) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-alpha-acetyltransferase 40 (naa40), Recombinant Protein
Full Product Name	Recombinant Danio rerio N-alpha-acetyltransferase 40 (naa40)
Product Gene Name	naa40 recombinant protein
Product Synonym Gene Name	naa40
Sequence	GRKSNRAKEK KQRRLEERAA MDAVCAKVDA ANKLEDPLSA MPVFKKYDRN GLNLQIECKR VTALSPDTVE WAYELTRANM QTLYEQSEWG WKEREKREEM KDERAWYLLA RDADSTPLAF SHFRFDVECG DEVLYCYEVQ LESKVRRKGL GKFLIQILQL IANSTQMKKV MLTVFKHNHG AYQFFREALQ FEIDETSPSM SGCCGEDCSY EILSRRTKYG EVSGHAHGGH CGGCCH
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	27,356 Da
Sequence Positions	2-237, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q568K5
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for naa40 recombinant protein	MBS1417989 is a recombinant protein targeting naa40. Also known as Recombinant Danio rerio N-alpha-acetyltransferase 40 (naa40). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of naa40 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for naa40. It may not necessarily be applicable to this product.

NCBI GI #	62955241
NCBI GeneID	550325
NCBI Accession #	NP_001017632.1
UniProt Primary Accession #	Q568K5
UniProt Related Accession #	Q568K5

GenBank Nucleotide #	NM_001017632.1
NCBI Official Full Name	N-alpha-acetyltransferase 40
NCBI Official Synonym Full Names	N(alpha)-acetyltransferase 40, NatD catalytic subunit, homolog (S. cerevisiae)
NCBI Official Symbol	naa40
NCBI Official Synonym Symbols	NatD; nat11; fc45d01; wu:fc45d01; zgc:110241
UniProt Protein Name	N-alpha-acetyltransferase 40
UniProt Synonym Protein Names	N-acetyltransferase 11; N-alpha-acetyltransferase D
Protein Family	N-alpha-acetyltransferase
UniProt Gene Name	naa40
UniProt Synonym Gene Names	nat11; NatD
NCBI Protein Information	N-alpha-acetyltransferase 40
UniProt Comments for naa40	N-alpha-acetyltransferase that specifically mediates the acetylation of the N-terminal residues of histones H4 and H2A. In contrast to other N-alpha-acetyltransferase, has a very specific selectivity for histones H4 and H2A N-terminus and specifically recognizes the 'Ser-Gly-Arg-Gly sequence'.
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