

N-Acetyltransferase 2 Recombinant Protein | NAT2 recombinant protein

Recombinant N-Acetyltransferase 2 (NAT2)

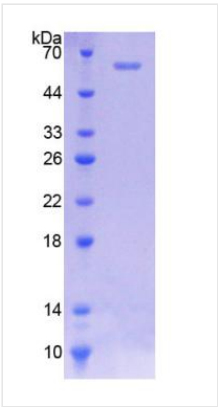
CATALOG # AAA145478	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

N-Acetyltransferase 2; Recombinant N-Acetyltransferase 2 (NAT2); AAC2; PNAT; Arylamine N-Acetyltransferase; Arylamide acetylase 2; Polymorphic arylamine N-acetyltransferase; NAT2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	DLEELTEILQ HQIRAIPFEN LNIHCGESME LNLEVIDFQV VRKKRGGWCL QVNHLLYWAL TKMGFEATML GGYVFNTPAN KYSSGMIHLL VQVTLGSKDY IVDAGFGRSY QMWEPLELTS GKDQPQVPAI FRLTEENGW YLDQIRREQY VPNQEFVNSD LLEKNKYRKI YSFTLEPRTI EDFESINTYL QTSPASLFTS KSFCSLQTL GVHCLVGSTL TYRRFSYKDN IDLVEFKSLT EEEIEDVLKT IFGVSLERKL V
Sequence Length	290
Applicable Applications for NAT2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	60.3kDa
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Endotoxin Level	<1.0EU per 1 ug (determined by the LAL method)
Expression System	Prokaryotic expression
Fragment	Asp20~Val280
Organism Species	Rat
Tag	two N-terminal Tags, His-tag and GST-tag
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

D LEELTEILQH QIRAI PFENL NIHCGESMEL
NLEIVFDQVV RKKRGGWCLQ VNHLLYNALT KMGFEATMLG GYVFNTPANK
YSSGMHLLV QVTLGKDYI VDAGFGRSYQ MWEPELTSG KDQPQVPAIF
RLTEENGTHY LDQIRREQVY PNQEFVNSDL LEKNKYRKIY SFTLEPRTIE
DFESINTYLQ TSPASLFTSK SFCSLQTLG VHCLVGSTLT YRRFSYKONI
DLVEFKSLTE EEIEDVLKTI FGVSLERKLV

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	29423790
NCBI GeneID	10
Molecular Weight	33,542 Da
NCBI Official Full Name	N-acetyltransferase 2
NCBI Official Synonym Full Names	N-acetyltransferase 2 (arylamine N-acetyltransferase)
NCBI Official Symbol	NAT2
NCBI Official Synonym Symbols	AAC2; PNAT; NAT-2
NCBI Protein Information	arylamine N-acetyltransferase 2
UniProt Protein Name	Arylamine N-acetyltransferase 2
UniProt Gene Name	NAT2
UniProt Synonym Gene Names	AAC2; NAT-2; PNAT
UniProt Entry Name	ARY2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.