



Recombinant Nitrilase and fragile histidine triad fusion protein NitFhit (nft-1)

Product Code	CSB-YP530457CXY
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O76463
Product Type	Recombinant Protein
Immunogen Species	Caenorhabditis elegans
Purity	>85% (SDS-PAGE)
Sequence	MLSTVFRRTM ATGRHFIAVC QMTSDNDLEK NFQAAKNMIE RAGEKKCEMV FLPECFDFIG LNKNEQIDLA MATDCEYMEK YRELARKHNI WLSLGGLHHK DPSDAAHPWN THLIIDSDGV TRAEYNKLHL FDLEIPGKVR LMESEFSKAG TEMIPVDTP IGRGLSICY DVRFPELSLW NRKRGALLS FPSAFTLNTG LAHWETLLRA RAIENQCYVV AAAQTGAHNP KRQSYGHSMV VDPWGAVVAQ CSERVDMCFA EIDLSYVDL REMQPVFSHR RSDLYTLHIN EKSETGGLK FARFNIPADH IFYSTPHSFV FVNLKPVTDG HVLVSPKRVV PRLTDLTDAE TADLFIVAKK VQAMLEKHHN VTSTTICVQD GKDAGQTVPH VHIHILPRRA GDFGDNEIYQ KLASHDKEPE RKPRSNEQMA EEAVVYRNLN
Source	Yeast
Target Names	nft-1
Protein Names	Recommended name: Nitrilase and fragile histidine triad fusion protein NitFhit Including the following 2 domains: Bis(5'-adenosyl)-triphosphatase EC= 3.6.1.29 Alternative name(s): AP3A hydrolase Short name= AP3Aase Diaden
Expression Region	1-440
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.