



Recombinant *Drosophila melanogaster* Nitrilase and fragile histidine triad fusion protein NitFhit (NitFhit)

Product Code	CSB-YP524927DLU
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.	O76464
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	≥85% (SDS-PAGE)
Sequence	MSTLVNTRR SIVIAHQQL RRMSVQKRKD QSATIAVGQM RSTSDKAANL SQVIELVDRA KSQNACMLFL PECCDFVGES RTQTIELSEG LDGELMAQYR ELAKCNKIWI SLGGVHERND QKIFNAHVLL NEKGELAAVY RKLHMFVTT KEVRLRESDT VTPGYCLERP VSTPVGQIGL QICYDLRFAE PAVLLRKLGA NLLTYPSTFT YATGKAHWEI LLRARAIETQ CFVVAAAQIG WHNQKRQSWG HSMIVSPWGN VLADCSEQEL DIGTAEVDLS VLQSLYQTMP CFEHRRNDIY ALTAYNLRSK EPTQDRPFAT NIVDKRTIFY ESEHCFAFTN LRCVVKGHVL VSTKRVTPLR CGLDCAEMAD MFTTVCLVQR LLEKIYQTTS ATVTVQDGAQ AGQTVPHVHF HIMPRRLGDF GHNDQIYVKL DERAEEKPPR TIEERIEEAQ IYRKFLTDIS
Source	Yeast
Target Names	NitFhit
Protein Names	Recommended name: Nitrilase and fragile histidine triad fusion protein NitFhit Alternative name(s): NFT-1 protein Including the following 2 domains: Bis(5'-adenosyl)-triphosphatase EC= 3.6.1.29 Alternative name(s): Diadenosine 5
Expression Region	1-460
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,



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