

Giardia intestinalis Endoribonuclease Dicer-like Recombinant Protein | GL50803_103887 recombinant protein

Recombinant Giardia intestinalis Endoribonuclease Dicer-like

CATALOG # AAA115618	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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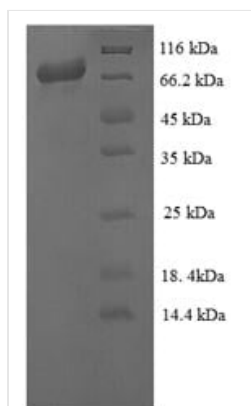
PRODUCT SYNONYMS

Giardia intestinalis Endoribonuclease Dicer-like; Recombinant Giardia intestinalis Endoribonuclease Dicer-like; GL50803_103887 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-754aa; Full Length
Sequence	MHALGHCCTV VTTRGPSHWL LLLDTHLGTL PGFKVSAGRG LPAAEVYFEA GPRVLSLRTD ATIVAVYQSI LFQLLGPTFP ASWTEIGATM PHNEYTFPRF ISNPPQFATL AFLPLLSPTS PLDLRALMVT AQLMCDAKRL SDEYTDYSTL SASLHGRMVA TPEISWSLYV VLGIDSTQTS LSYFTRANES ITYMRYATA HNIHLRAADL PLVAAVRLDD LKDHQIPAPG SWDDLAPKLR FLPELCLLL PDEFDLIRVQ ALQFLPEIAK HICDIQNTIC ALDKSFPDCG RIGGERYFAI TAGLRDQGR GRGLAGWRTP FGPFVGSHTD VFQRLELLGD AVLGFIPTAR LLCLFPDASV GTLVELKMEL VRNEALNYLV QTLGLPQLAE FSNNLVAKSK TWADMYEEIV GSIFTGPNGI YGCEEFLAKT LMSPEHSKT V GSACPDATK ASKRVCMEGA GAHEFRSLVD YACEQGISVF CSSRVSTMFL ERLRDIPAED MLDWYRLGIQ FSHRSGLSGP GGVSVIDIM THLARGWLWG SPGFYVEQQT DNESACPTT IPVLIYHRS VQCPVLYGSL TETPTGPVAS KVLALYEKIL AYESSGGSKH IAAQTVSRSL AVPIPSGTIP FLIRLLQIAL TPHVYQKLEL LGDAFLKCSL ALHLHALHPT LTEGALTRMR QSAETNSVLG RLTKRFPSVV SEVIIESHPK IQPDSKVYGD TFEAILAAIL LACGEEAAGA FVREHVLQV VADA
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GL50803_103887 recombinant protein	Involved in cleaving double-stranded RNA in the RNA interference (RNAi) pathway. It produces 21 to 23 bp dsRNAs (siRNAs) which target the selective destruction of homologous RNAs.
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References	Genomic minimalism in the early diverging intestinal parasite <i>Giardia lamblia</i>.Morrison H.G., McArthur A.G., Gillin F.D., Aley S.B., Adam R.D., Olsen G.J., Best A.A., Cande W.Z., Chen F., Cipriano M.J., Davids B.J., Dawson S.C., Elmendorf H.G., Hehl A.B., Holder M.E., Huse S.M., Kim U.U., Lasek-Nesselquist E., Manning G., Nigam A., Nixon J.E.J., Palm D., Passamaneck N.E., Prabhu A., Reich C.I., Reiner D.S., Samuelson J., Svard S.G., Sogin M.L.Science 317:1921-1926(2007) Structural basis for double-stranded RNA processing by Dicer.Macrae I.J., Zhou K., Li F., Repic A., Brooks A.N., Cande W.Z., Adams P.D., Doudna J.A.Science 311:195-198(2006) An unusual case of pseudo-merohedral twinning in orthorhombic crystals of Dicer.MacRae I.J., Doudna J.A.Acta Crystallogr. D 63:993-999(2007)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	159110564
NCBI GeneID	5698409
NCBI Accession #	XP_001705536.1
NCBI GenBank Nucleotide #	XM_001705484.1
UniProt Accession #	A8BQJ3; Q86QW6; Q7R2M2
Molecular Weight	98.5 kDa
NCBI Official Full Name	Dicer
NCBI Official Symbol	GL50803_103887
NCBI Protein Information	Dicer
UniProt Protein Name	Endoribonuclease Dicer-like
UniProt Gene Name	GL50803_103887
UniProt Entry Name	DCL_GIAIC

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.